पेटेंट कार्यालय
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

27th MAY, 2016

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THE PATENT OFFICE

KOLKATA, 27/05/2016

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1	Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in	4	The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli	5	The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector –V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in ❖ Rest of India
3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 25300200 & 28032253 Fax: (91)(11) 28034301 & 28034302 E.mail: delhi-patent@nic.in ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		

Website: www.ipindia.nic.in
www.patentoffice.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

कोलकाता, दिनांक 27/05/2016

□कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए है:-

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिहन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फ़ैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फ़ैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फ़ैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ □गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली•	5	पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बौद्धिक संपदा भवन, सीपी-2, सेक्टर- V, साल्ट लेक सिटी, कोलकाता-700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फ़ैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 25300200, 28032253 फ़ैक्स: (91)(11) 28034301, 28034302 ई. मेल: delhi-patent@nic.in हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in

www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।

शुल्क: शुल्क या तो नगद रूप में या Controller of Patents **के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है ।**

SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

CORRIGENDRUM (KOL)

The patent application No 863/KOL/2013 has been published on 11/03/2016 J no:. 11/2016 . The inventors name for this application no 863/KOL/2013 a) MR. PRAKASH SAUDAGAR, b) DR. VIKASH KUMAR DUBEY, c) PROF. ANIL KUMAR SAIKIA, d) MR. PIPAS SAHA, will be read as a) MR. PRAKASH SAUDAGAR, b) DR. VIKASH KUMAR DUBEY, c) PROF. ANIL KUMAR SAIKIA, d) MR. PIPAS SAHA, e) SHYAM LAL MUDAVATH, DEPARTMENT OF MEDICINE, INSTITUTE OF MEDICAL SCIENCES,

>BANARAS HINDU UNIVERSITY, VARANASI, INDIA-22 1005 f) SHYAM SUNDAR, DEPARTMENT OF MEDICINE, INSTITUTE OF MEDICAL SCIENCES, BANARAS HINDU UNIVERSITY, VARANASI, INDIA-221005

Register of Patent Agent (April, 2016)

1. Name of following agents have been restored subsequent to their request for restoration as a patent agent under Rule 117.

Sr No	Name of Agent.	IN/PA No.	Amendment	
			Was continued in the register up to	To be continued up to
1.	Dawn Jos	1790	2015	2023
2.	Jayapraba M	1581	2015	2022
3.	Saumya Sachdev	1990	2013	2017
4.	Sourabh N	1835	2014	2017
5.	JYOTI SAGAR	104	2010	2020
6	Veena Chaturbhuj	165	2001	2017
7	Pooja Dayma	2016	2015	2017
8	Manisha Rawat	2325	2014	2017
9	Manish Arora	433	2014	2017
10	Dr. Alok Mohan Saha	106	2015	2017
11	Sindhia Rani A.	2104	2014	2020
12	Suja C	2425	2014	2020

2. Subsequent to request for alteration of entry in the Register of Patent Agent under Rule 118 following entries have been amended:

S. No.	Name	IN/PA/ No.	Entries
1.	Pravin S. Agarwal	923	Addition of Email ID and Telephone No.
2	Pushpak Singh	2217	Inclusion of telephone No.
3	Avi Garg	1522	Change of principal place of business
4	Santhamma Thomas	2224	Change of principal place of business
5	Dr.Lunalisa Potsangbam	1760	Change of residence address Change of email ID
6	Rahul Sharma	1649	Change of principal place of business
7	Dr. Vivek Kashyap	1122	Change of principal place of business
8	Pravin Koshti	1184	Change of principal place of business
.9	Sabale Suneet Baliram	1773	Inclusion of Fax No. Agent city, Email ID and Phone No.
10	Tarvinder Singh	281	Inclusion of residence address, principal place of business, telephone No. and email ID

3. Duplicate certificate of registration as a patent agent was issued to following agent subsequent to their request:

S. NO.	Name of Agent	IN/PA Number
1	Dr. Gautam Bhattacharya	1006
2	Kenneth David Benjamin	193
3	Rajendra Kumar	163
4	Jyoti Sagar	104

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201621014542 A
(19) INDIA
(22) Date of filing of Application :26/04/2016
(43) Publication Date : 27/05/2016

(54) Title of the invention : Multifunctional walking Stick

(51) International classification :A45B3/00, A45B, A45B1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Chetan U Nandane
Address of Applicant :Pitru-Smruti, Khadka road, Nemade Colony, Bhusawal, dist- Jalgaon, India-425201 Maharashtra India
(72)**Name of Inventor :**
1)Chetan U Nandane

(57) Abstract :
ABSTRACT We all well known about the electricity problems which are created in India also we know about the street related problems. When the senior citizens are walking on street lots of problems they have faced at night for ex. Open manholes, cracked roads etc. Thus present invention designs a stick which is very useful for all the peoples who suffering from such types of problems. It uses light weight material to make the stick. It comprises LEDs and battery. Also design chargeable circuit in it. Then compass and radium is used to locate direction and stick in dark night. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the stick.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2016
(21) Application No.201624016585 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GATE DRIVE CIRCUIT, CASCADE GATE DRIVE CIRCUIT AND METHOD FOR DRIVING CASCADE GATE DRIVE CIRCUIT

(51) International classification :G09G3/36
(31) Priority Document No :201510718070.5
(32) Priority Date :29/10/2015
(33) Name of priority country :China
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHANGHAI TIANMA MICRO-ELECTRONICS CO., LTD.
Address of Applicant :889, Huiqing Rd., Pudong New District, Shanghai 201201, P.R. China China
2)TIANMA MICRO-ELECTRONICS CO., LTD
(72)**Name of Inventor :**
1)WANG, Lihua
2)MA, Conghua
3)YAO, Qijun

(57) Abstract :
GATE DRIVE CIRCUIT, CASCADE GATE DRIVE CIRCUIT AND METHOD FOR DRIVING CASCADE GATE DRIVE CIRCUIT A gate drive circuit, includes a driving transistor and a switching transistor, where gate electrode of the switching transistor receives first switching signal, first electrode of the switching transistor receives second switching signal, second electrode of the switching transistor is connected to gate electrode of the driving transistor, first electrode of driving transistor receives first control signal, and second electrode of driving transistor is connected to output terminal; during display period, the first control signal is display scanning signal, the first switching signal switches the switching transistor off, the driving transistor is switched on and the driving transistor outputs the display scanning signal; and during touch-control period, the first control signal is touch scanning signal, the first switching signal switches the switching transistor on, the second switching signal switches the driving transistor on, and the driving transistor outputs the touch scanning signal. Fig. 3

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201621004088 A
(19) INDIA
(22) Date of filing of Application :04/02/2016
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN ECO-FRIENDLY HEATING AND COOLING SYSTEM WITH WATER DISTILER FOR CABINET

(51) International classification	:F25B21/04, F25D11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)PRASAD PRAKASH LOKULWAR
(72)**Name of Inventor :**
1)Parikshit Narendra Mahalle
2)AJINKYA RAVINDRA KOTTAWAR
3)PRASAD PRAKASH LOKULWAR

(57) Abstract :
An Eco friendly heating and cooling system with water distiller for cabinet comprising a plurality hot chamber and cool chamber one on another, main exhaust is provided for circulation of heat in heating chamber and water distiller. Cooling module is mounted in the heat rejection passage, passing the electric supply to Heating/ cooling module it start cool in one side and hot in another side, Mini exhaust is mounted for rejection of heat properly, controller help to maintain specified temperature in cabinet. In heating chamber water distiller setup is for distillation process, where in heat rejection tubes helps to create distilled water.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1924/MUM/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL POLARIZATION

(51) International classification	:G02B27/28, G02B5/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAHAJANAND TECHNOLOGIES PVT. LTD.
Address of Applicant :Sahajanand House, Parsi Street, Saiyedpura Surat Gujarat 395003, India Maharashtra India
(72)**Name of Inventor :**
1)GAYWALA, Rahul Mahendrakumar

(57) Abstract :
An optical polarization system (100) providing an optical rotation to a polarized light beam and for offsetting the polarized light beam is disclosed. According to an aspect, the optical polarization system (100) of the present subject matter includes a linear polarization mechanism (102) and an offset mechanism (104). The linear polarization mechanism (102) comprises at least one wave plate (102-1, 102-2) to rotate a plane of polarization of the polarized light beam. The offset mechanism (104) comprises a plurality of beam deflecting optical devices (104-1, 104-2) to deflect and steer the polarized light beam on to a target.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2016

(21) Application No.201621003344 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BEARING FAULT DETECTION

(51) International classification :G01M13/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Defence Institute of Advance Technology (Deemed University)
Address of Applicant :Defence Institute of Advance Technology (DU), DIAT Girinagar, Pune - 411025, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)PANIGRAHI, Sashi Kanta
2)TYAGI, Sunil

(57) Abstract :
Disclosed is a method and system for detecting a fault in a ball bearing. The method comprises obtaining vibration data associated with one or more ball bearings of a ball bearing assembly based on shaft frequency (revolution per second) data and a sensor and normalizing the vibration data in order to generate normalized vibration data. The method further comprises pre-processing the normalized vibration data utilizing Discreet Wavelet Transform (DWT) methodology and dividing the vibration data pre-processed in to a plurality of bins. The method further more comprises generating a plurality of characteristic features for each of the plurality of bins and detecting a fault in the one or more ball of the ball bearing assembly based on the plurality of characteristics features and a pre-trained artificial neural network classifier.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201631013398 A
(19) INDIA
(22) Date of filing of Application :18/04/2016
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED SQUIRREL CAGE INDUCTION MOTOR WITH ENHANCED EFFICIENCY AND WIDE RANGE OF OPERATING SPEED FOR APPLICATION IN ELECTRIC VEHICLE

(51) International classification :H02K17/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Indian Institute of Technology, Patna
Address of Applicant :Bihta, Patna-801103, Bihar, India
(72)**Name of Inventor :**
1)Dr. Sanjoy Kumar Parida
2)Mohammad Junaid Akhtar
3)Dr. Ranjan Kumar Behara

(57) Abstract :
The present improved induction motor comprising of a steel casted cage having a stator and a rotor. The shapes of the stator and rotor slots are made trapezoidal when the stator has 36 slots and rotor 30 slots. The base frequency of the said motor is made 80Hz which provides a base speed of 2400 rpm for four pole machine with higher starting torque. The stator outer diameter is 170mm, stator inner diameter is 90 mm and length of stator core is 109 mm. The improved motor achieves an efficiency of 88.2% and a power factor of 0.83. Fig. 1 and Fig. 2.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2016
(21) Application No.201634017559 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARRAY SUBSTRATE AND TOUCH DISPLAY PANEL

(51) International classification :G06F3/044
(31) Priority Document No :201511031443.8
(32) Priority Date :31/12/2015
(33) Name of priority country :China
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CHAI, Huiping
2)YAO, Qijun
3)LI, Gujun

(57) Abstract :
An array substrate and a touch display panel are provided. An auxiliary electrode layer is additionally provided in the array substrate. The auxiliary electrode layer may be located between a common electrode layer and a wiring layer, or located on a side of the wiring layer facing toward the substrate. The auxiliary electrode layer is provided to reduce coupling capacitance between the wiring and the touch display electrode. With the auxiliary electrode layer additionally provided in the array substrate, the coupling capacitance between the wiring and the touch display electrode block is reduced, thereby improving accuracy of the touch detection. FIG. 4a

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2016

(21) Application No.201631009942 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A GEOPOLYMER (GP) BASED ON POND-ASH AND A PROCESS FOR THE PRODUCTION OF THE GEOPOLYMER

(51) International classification	:C04B7/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RATAN INDU GANGULY
4)PRADEEP KUMAR RANA
5)SANJEEB KUMAR GUPTA
6)MV BASANT KUMAR

(57) Abstract :
This invention relates to a process for the preparation of a geopolymer (GP) comprising grinding pond ash into finer particles followed by sieving the particles and drying the same at a temperature in the range of 100 to 150ºC, over 1 to 4 hours and then cooling the same, preparing a solution of sodium silicate in an alkali and preparing an aqueous solution of a plastizer, followed by adding the sodium silicate solution along with the plasticizer solution to the Pond-ash fine particles with thorough mixing, to obtain the geopolymer paste, subjecting said GP paste to casting to obtain samples of standard size, followed by curing the samples in hot air to obtain the geopolymer.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201631017227 A
(19) INDIA
(22) Date of filing of Application :19/05/2016
(43) Publication Date : 27/05/2016

(54) Title of the invention : CABLE SHOE

(51) International classification :A43B11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Bhaskar Sen

(57) Abstract :
This invention relates to a cable shoe and in particular, this invention relates to a cable shoe having a winding and locking mechanism. More particularly, this present invention relates to the cable shoe having a winding and locking mechanism that can wind, unwind and retain tension of the cables by locking it. Furthermore, this invention also relates to the cable shoe which has the beneficial effects of having saving manpower cost, reducing labor intensity and having safety and reliability.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2016

(21) Application No.201631017628 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF DETERMINING THE SECONDARY STRUCTURE OF PROTEIN

(51) International classification :G06F19/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANINDYA SUNDAR PANJA
2)Akash Nag
3)Dr. Bidyut Bandopadhyay
4)Dr. Smarajit Maiti

(57) Abstract :
This invention relates to a Protein Secondary structure Determination (PSSD)relates to a method of determining the secondary structure of both thermophilic and mesophilic proteins and in particular, this invention relates to a method of determining the secondary structure of stated protein wherein the sequence of the protein purified up to homogeneity can be utilized to generate a reliable structure. More particularly, this present invention relates to a method of determining the secondary structure of protein that resolved amino acid sequence is transferred to the adjoined component to determine the structure. Furthermore, this invention also relates to the method of determining the secondary structure of protein which has the beneficial effects of having saving manpower cost, reducing labor intensity and having safety and reliability.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201633016084 A
(19) INDIA
(22) Date of filing of Application :09/05/2016
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD FOR PRODUCTION OF FRAGRANT COMPOUNDS FROM RESINOUS CHIPS OF AQUILARIA MALACCENSIS BY FERMENTATION

(51) International classification :A01H4/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :1277/KOL/2014
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)TALUKDAR, NARAYAN CHANDRA
(72)**Name of Inventor :**
1)KHAN, MOJIBUR ROHMAN
2)SEN, SUPRIYO
3)TALUKDAR, NARAYAN CHANDRA

(57) Abstract :
A METHOD FOR PRODUCTION OF FRAGRANT COMPOUNDS FROM RESINOUS CHIPS OF AQUILARIA MALACCENSIS BY FERMENTATION A method for production of fragrant compounds from resinous chips of Aquilaria malaccensis by fermentation process comprising: i) subjecting collected resinous agarwood chips to pulverization and surface sterilization; ii) co-culture of fungal candidate isolate identified as Fusarium sp. (closest relative Fusarium proliferatum) with pulverized and sterilized resinous agarwood chips for a suitable duration; iii) solvent extraction of the tissues followed by analysis by GC-MS and data interpreting by Venn analysis to differentially determine compounds formed due to fermentation, among the compounds identified by GC-MS profiling.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2016

(21) Application No.201634016181 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARRAY SUBSTRATE, TOUCH DISPLAY PANEL AND TOUCH DISPLAY DEVICE

(51) International classification :G06F3/044
(31) Priority Document No :201511027131.X
(32) Priority Date :31/12/2015
(33) Name of priority country :China
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Tianma Micro-Electronics Co., Ltd.
(72)**Name of Inventor :**
1)XI, Kerui
2)CUI, Tingting
3)XIE, Zhengfang

(57) Abstract :
The present disclosure discloses an array substrate, touch display panel and touch display device. The array substrate, comprising: a substrate (01); a display region (10) and a non-display region (20) surrounding the display region (10), with the non-display region (20) being provided with a driver chip (21); wherein the display region (10) comprises: a plurality of data lines (12), wherein each of the plurality of data lines (12) is electrically connected to the driver chip (21) via a respective one of a plurality of first connection lines (22); and a plurality of touch electrode blocks (13), wherein the plurality of touch electrode blocks (13) are electrically connected to the driver chip (21) via a plurality of touch signal lines (14); in the non-display region (20), the plurality of touch signal lines (14) are not overlapped with the plurality of first connection lines (22) in a direction perpendicular to the substrate (01). [Fig. 1]

No. of Pages : 25 No. of Claims : 11

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10182/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/05/2016

(54) Title of the invention : HSP90 COMBINATION THERAPY

(51) International classification	:A61K49/00
(31) Priority Document No	:61/480198
(32) Priority Date	:28/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/035690 :27/04/2012
(87) International Publication No	:WO 2012/149493
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

1)CHIOSIS Gabriela

(57) Abstract :

This invention concerns a method for selecting an inhibitor of a cancer implicated pathway or of a component of a cancer implicated pathway for coadministration with an inhibitor of HSP90 to a subject suffering from a cancer which comprises the following steps: (a) contacting a sample containing cancer cells from a subject with an inhibitor of HSP90 or an analog homolog or derivative of an inhibitor of HSP90 under conditions such that one or more cancer pathway components present in the sample bind to the HSP90 inhibitor or the analog homolog or derivative of the HSP90 inhibitor; (b) detecting pathway components bound to the HSP90 inhibitor or to the analog homolog or derivative of the HSP90 inhibitor; (c) analyzing the pathway components detected in step (b) so as to identify a pathway which includes the components detected in step (b) and additional components of such pathway; and (d) selecting an inhibitor of the pathway or of a pathway component identified in step (c). This invention further concerns a method of treating a cancer patient by coadministering an inhibitor of HSP90 and an inhibitor of a cancer implicated pathway or component thereof.

No. of Pages : 307 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2013

(21) Application No.10186/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OIL DISPERSION OF SULFOXIMINES FOR THE CONTROL OF INSECTS

(51) International classification :A01N47/40,A01N25/22,A01N51/00
(31) Priority Document No :61/494178
(32) Priority Date :07/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040905
Filing Date :05/06/2012
(87) International Publication No :WO 2012/170419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)QIN Kuide
2)THOMAS James D.
3)HAILE Fikru
4)PAROONAGIAN Doris

(57) Abstract :
The invention relates to oil dispersions of sulfoximine insecticides such as sulfoxaflor and methods of using these dispersions to control insects such as whitefly.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013

(21) Application No.10370/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROSTHESIS GUIDE COMPRISING PATIENT MATCHED FEATURES

(51) International classification :A61B17/90,A61F2/46,A61F2/34
(31) Priority Document No :61/493260
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040164
Filing Date :31/05/2012
(87) International Publication No :WO 2012/166888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)LAMBERT Richard D.
3)VALLE Craig Della
4)BUDHABHATTI Sachin P.

(57) Abstract :
Disclosed herein are systems devices and methods for guiding placement orientation and fixation of an orthopedic implant. Examples include a surgical guide having a first surface structured to fit within a prosthetic cup at least one guide hole through the first surface and an alignment structure having a contour formed from data indicative of the patient anatomy. The contour of the alignment surface is complementary to a portion of the patient anatomy in a unique orientation that aligns the guide hole with tissue suitable for receiving a fastener. The alignment structure preferably includes an arm with a first end coupled to a rim of the guide and a second end coupled to the contour. In certain implementations the guide includes a plurality of alignment structures. Further disclosed are methods of making and using a surgical guide for aligning an orthopedic implant.

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013

(21) Application No.10378/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A GAS OIL FRACTION

(51) International classification :C10G7/00
(31) Priority Document No :11169370.1
(32) Priority Date :09/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/060853
Filing Date :08/06/2012
(87) International Publication No :WO 2012/168402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN DOESBURG Edmundo Steven

(57) Abstract :
The invention provides a process for the preparation of a gas oil fraction comprising the steps of: (a) providing a stream of a first hydrocarbon product of which a major portion of the hydrocarbons have a boiling point in the range of from 370-540 °C and a stream of a second hydrocarbon product of which a major portion of the hydrocarbons have a boiling point of less than 370 °C; (b) separating at least part of the stream of the first hydrocarbon product in a separating section into a gaseous stream and a liquid stream; (c) separating at least part of the second hydrocarbon product stream in a separating section into a gaseous stream and a liquid stream; (d) introducing at least part of the liquid stream as obtained in step (b) and at least part of the liquid stream as obtained in step (c) into a fractionating section to obtain a number of fractions of hydrocarbons including a gas oil fraction wherein the at least part of the liquid stream as obtained in step (b) is introduced into the fractionating section at a level which is lower than the level at which the at least part of the liquid stream as obtained in step (c) is introduced into the fractionating section; and (e) recovering from the fractionating section the gas oil fraction.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2013

(21) Application No.10294/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLARIZING PHOTOCHROMIC ARTICLES

(51) International classification :G02B5/23
(31) Priority Document No :13/153748
(32) Priority Date :06/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060961
Filing Date :16/11/2011
(87) International Publication No :WO 2012/170066
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LI Chenguang
4)JACKSON Delwin
5)NGUYEN Hung

(57) Abstract :
Photochromic articles that include a substrate, a primer layer that includes a first photochromic compound, and a photochromic - dichroic layer over the primer layer that includes a photochromic - dichroic compound. The first photochromic compound and the photochromic - dichroic compound each are selected such that the photochromic - dichroic compound has an unactivated state terminal minimum absorbance wavelength that is less than or equal to the unactivated state terminal minimum absorbance of the underlying first photochromic compound. The photochromic articles further include a topcoat layer over the photochromic - dichroic layer. The topcoat layer can include a second photochromic compound that has an unactivated state terminal minimum absorbance wavelength that is less than the unactivated state terminal minimum absorbance wavelength of the underlying photochromic - dichroic compound. The photochromic articles provide, for example, a combination of linear polarizing properties, and reduced percent transmittance of ultraviolet light and/or visible light when in an activated state, such as when exposed to sufficient actinic light.

No. of Pages : 103 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2013

(21) Application No.10295/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLARIZING PHOTOCHROMIC ARTICLES

(51) International classification :G02B5/23,C09K19/00,G02B1/10
(31) Priority Document No :13/153748
(32) Priority Date :06/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040350
Filing Date :01/06/2012
(87) International Publication No :WO 2012/170287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LI Chenguang
4)JACKSON Delwin S.
5)NGUYEN Henry

(57) Abstract :
Provided are photochromic articles that include a substrate a primer layer that includes a first photochromic compound and a photochromic dichroic layer over the primer layer that includes a photochromic dichroic compound. The first photochromic compound and the photochromic dichroic compound each are selected such that the photochromic dichroic compound has an absorbance of less than or equal to 0.1 at the wavelength of peak absorbance of the underlying first photochromic compound. The present invention also relates to such photochromic articles that further include a topcoat layer over the photochromic dichroic layer. The topcoat layer can include a second photochromic compound that has an absorbance of less than 0.1 at the wavelength of peak absorbance of the underlying photochromic dichroic compound. The photochromic articles provide for example a combination of linear polarizing properties and reduced percent transmittance when in a colored or darkened state such as when exposed to actinic light.

No. of Pages : 158 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2013

(21) Application No.10299/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International classification :F02B39/00,F01D25/24,F01D25/16
(31) Priority Document No :102011103420.3
(32) Priority Date :06/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/US2012/038784
Filing Date :21/05/2012
(87) International Publication No :WO 2012/170188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SCHERRER Frank
3)HEMER Josef Hans
4)FISCHER Michael

(57) Abstract :
The present invention relates to an exhaust gas turbocharger (1) having a compressor housing (2); having a turbine housing (3); and having a bearing housing (4) which has a compressor side flange (5) and which has a turbine housing side flange (6) wherein the turbine housing side flange (6) is produced from a material which corresponds in terms of its mechanical and thermal properties to the material of the turbine housing (2).

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2013

(21) Application No.10940/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTIVE ANTENNA SUB ARRAY STRUCTURES

(51) International classification :H01Q21/08
(31) Priority Document No :61/503465
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044952
Filing Date :29/06/2012
(87) International Publication No :WO 2013/003733
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ALEKSA Jonas
4)LINEHAN Kevin E.

(57) Abstract :
An antenna comprising a plurality of sub arrays and methods and structure for restoring performance after a transceiver failure is provided. Each sub array may include a power divider/combiner network a first radiating element coupled to a first port of the power divider/combiner network a second radiating element coupled to a second port of the power divider/combiner network and a transceiver coupled to a third port of the power divider/combiner network. An adjustable power supply may be coupled to each transceiver the adjustable power supply having current monitors to detect at least one failure state of a transceiver and a power compensation mode to increase absolute power to a transceiver in a non failed state. The adjustable power supply provides a first voltage in normal operation and a second voltage where the second voltage is higher than the first voltage in power compensation mode.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11030/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEGRADABLE HAEMOSTAT COMPOSITION

(51) International classification :A61L24/00,A61L24/08
(31) Priority Document No :1309695.3
(32) Priority Date :30/05/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/051625
Filing Date :28/05/2014
(87) International Publication No :WO 2014/191739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOGGARTH Andrew
3)GLADMAN June

(57) Abstract :
The present invention relates to a fibrous haemostat composition that is able to safely gradually and fully degrade in a human or animal body within about 30 days and so can be utilised by physicians to stem a flow of blood and promote healing both after as well as during surgical procedures.

No. of Pages : 25 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11031/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTAINER CONTAINING ABSORBENT

(51) International classification :B01D53/14,B01D53/26,B65D81/26
(31) Priority Document No :2013130868
(32) Priority Date :21/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/065360
Filing Date :10/06/2014
(87) International Publication No :WO 2014/203770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUGITO Ken

(57) Abstract :
Provided i s a low-cost container containing an absorbent that absorbs gases such as oxygen, wherein, while maintaining air permeability with the outside, an ab sorbent that expands with a reaction with a gas can b e con tained, and an absorbent in which the diameter i s small or in 11a which the diameter decreases can be contained so as not t o leak out. A container (1) containing an absorbent has a cover body (11) and a container main body (10) in wmch an open ing (20) in the upper surface i s closed by the cover body (11) and that i s cylindrically shaped with a bottom and has a p a per layer (50) on an inner layer thereof. A n outside peripher al part (1la) of the cover body (11) i s bent to the upper side and inserted i n the opening (20) in a state of contact with the inner layer of the container main body (11). A n upper end part (10a) of the container main body (10) i s bent t o the cov er body (11) side from above the cover body (11) and grasps the outside peripheral part (1la) of the cover body (11).

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11032/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PULL ON DIAPER

(51) International classification :A61F13/15,A61F13/494,A61F13/496
(31) Priority Document No :2013138429
(32) Priority Date :01/07/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/063580
Filing Date :22/05/2014
(87) International Publication No :WO 2014/203679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YOSHIOKA Toshiyasu

(57) Abstract :
Provided is a pull on diaper that does not give the impression of fitting too tightly. The pull on diaper is provided with a front belt (18) and back belt (19) that extend around the waist and a crotch panel (13) that forms a bridge between the front and back belts. Multiple strands of elastic waistline members (30) extending in the waistline direction are attached on the front and back belts in an extended state. A pair of barrier cuffs (40) that extend in parallel are provided on the two side edges (13c 13d) of the crotch panel. The barrier cuffs are bonded to the crotch panel at fixed edges (40c) that extend in parallel on the two side edges of the crotch panel and at front bonded sections (48a) and back bonded sections (48b) located at the two ends in the vertical direction. The barrier cuffs comprise free edges (40d) that extend between the front and back bonded sections and barrier cuff elastic members (42) that are attached to the free edges in an extended state and extend between the front and back bonded sections. The front and back bonded sections intersect with the lowest elastic members (30b) of the multiple strands of elastic waistline members and extend in the vertical direction.

No. of Pages : 52 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11033/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL CARTRIDGE FOR SANITARY FITTINGS

(51) International classification :E03C1/04,E03C1/05,F16K11/078
(31) Priority Document No :1048/13
(32) Priority Date :03/06/2013
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2014/060224
Filing Date :19/05/2014
(87) International Publication No :WO 2014/195120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LANG Edo
2)OBRIST Roland

(57) Abstract :
The invention relates to a control cartridge (2) for installation in a cartridge housing (3) of a sanitary fitting (1) comprising a first feed opening (4) and a discharge opening (6) and one or more seals (7) which are designed for sealing abutment on an internal surface (8) of the cartridge housing (3). Said seals (7) are disposed such that after the installation of the control cartridge (2) in a cartridge housing (3) of a sanitary fitting (1) the first feed opening (4) is joined in a sealed manner to a cold water or mixed water connection (9) of the sanitary fitting (1) in a sealed manner and the discharge opening (6) is joined in a sealed manner to a discharge pipe (11) of the sanitary fitting (1). The first feed opening (4) in the cartridge housing (3) or in the control cartridge (2) is directly connected to the discharge opening (6) which is sealed with respect to the cartridge housing (3). The control cartridge (2) comprises a second feed opening (5) in which an electrical feed line (12) is disposed which connects an electrical switch (13) of the control cartridge (2) to a valve (16) disposed in a cold water or mixed water feed line (14) at least for switching a water flow on and off.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11034/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ASSEMBLY FOR PRODUCING A THREADED CONNECTION FOR DRILLING AND OPERATING HYDROCARBON WELLS THREADED CONNECTION AND METHOD FOR PRODUCING SUCH A THREADED CONNECTION

(51) International classification :F16L15/00,E21B17/042
(31) Priority Document No :1355760
(32) Priority Date :19/06/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/062627
Filing Date :17/06/2014
(87) International Publication No :WO 2014/202555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)COLIN Sbastien
3)MENCAGLIA Xavier
4)RUFFIN Karine

(57) Abstract :
The invention concerns an set for producing a threaded connection comprising a first (UCS) a second (BCS) a third (PIN A) and a fourth (PIN B) tubular component with an axis of revolution (10) the first tubular component being provided at each of its ends with a first (T1) and a second (T2) threaded zone provided on the inner peripheral surface of the component the second tubular component being provided at each of its ends with a third (T3) and a fourth (T4) threaded zone provided on the outer peripheral surface of the component the third tubular component being provided at one of its ends with a fifth (T5) and a sixth (T6) threaded zone respectively provided on the inner and outer peripheral surface of the component the fourth tubular component being provided at one of its ends with a seventh (T7) and an eighth (T8) threaded zone respectively provided on the inner and outer peripheral surface of the component the first and sixth third and fifth second and eighth fourth and seventh threaded zones being capable of cooperating with one another on makeup the pitch of the first and sixth threaded zones being equal to the pitch of the fourth and seventh threaded zones or the pitch of the second and eighth threaded zones being equal to the pitch of the third and fifth threaded zones or the pitch of the first and sixth threaded zones being equal to the pitch of the third and fifth threaded zones and the pitch of the second and eighth threaded zones being equal to the pitch of the fourth and seventh threaded zones. The invention also concerns a threaded connection and a method for producing such a connection.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11035/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VOLASERTIB IN COMBINATION WITH AZACITIDINE FOR THE TREATMENT OF ACUTE MYELOID LEUKEMIA AND MYELODYSPLASTIC SYNDROME II

(51) International classification	:A61K45/06,A61K31/519,A61P35/02
(31) Priority Document No	:61/858804
(32) Priority Date	:26/07/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2014/065938 :24/07/2014
(87) International Publication No	:WO 2015/011235
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)CALVO VERGES Maria del Roser
3)TAUBE Tillmann

(57) Abstract :
The present invention relates to the use of Volasertib or a salt thereof or the hydrate thereof in combination with Azacitidine or a salt thereof or the hydrate thereof for treating patients suffering from acute myeloid leukemia (AML) or myelodysplastic syndrome (MDS).

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11036/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLAR PROTECTION GLAZING

(51) International classification :C03C17/36
(31) Priority Document No :BE 2013/0453
(32) Priority Date :27/06/2013
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2014/063634
Filing Date :27/06/2014
(87) International Publication No :WO 2014/207171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DI STEFANO Ga«tan
3)HAUPTMANN Marc
4)DUMONT Jacques

(57) Abstract :
The invention relates to a solar protection glazing comprising on at least one of the faces of a glass substrate a multi layer stack comprising at least one layer absorbing solar radiation of at least 3 nm and dielectric coatings surrounding said solar radiation absorbing layer. According to the invention the light reflection of the glass substrate coated with the multi layer stack measured on the substrate side is at least 20% and is at least two times the light reflection of the glass substrate coated with the multi layer stack measured on the stack side and the reflection colour on the substrate side has a colorimetric coordinate value a of less than 2 and a colorimetric coordinate value b of less than 5. The invention is particularly useful as an automobile glazing in particular on the roof thereof as a building glazing or as a household oven.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11037/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BLANK MOLDED PLATE METHOD OF MANUFACTURING PRESS MOLDED PRODUCT AND PRESS MOLDED PRODUCT

(51) International classification	:B21D22/26,B21D5/01,B21D53/88
(31) Priority Document No	:2013101419
(32) Priority Date	:13/05/2013
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2014/062750 :13/05/2014
(87) International Publication No	:WO 2014/185428
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)MISAWA Kei
3)TANAKA Yasuharu
4)OGAWA Misao
5)ASO Toshimitsu

(57) Abstract :
This blank (30) is the material of an elongate press molded product (20) formed from: a first component (21) which has a substantially hat shape cross sectional surface comprising a top plate (20a) a ridge line (20b) vertical walls (20c) and flanges (20d) the width of the top plate being substantially constant; and a second component (22) which has a curved section (23) in which the vertical walls (20c) the ridge line (20b) and the flanges (20d) are curved and the top plate gradually widens whereby the top plate (20a) exhibits an L shape seen in plan view. As the expanded shape of the press molded product (20) this blank (30) comprises a first recessed part (33) a protruding part (34) and a second recessed part (35) disposed on the edge of an excess material portion (32) added to the edge of a site formed on the flange (20d) configuring the curved portion (23).

No. of Pages : 59 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014
(21) Application No.1084/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : Kynurenine-3-Monooxygenase Inhibitors, Pharmaceutical Compositions, and Methods of Use Thereof

(51) International classification :A61K31/44,C07D401/00
(31) Priority Document No :61/528998
(32) Priority Date :30/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052648
Filing Date :28/08/2012
(87) International Publication No :WO 2013/033085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)BROWN Christopher John
5)DE AGUIAR PENA Paula C.
6)JOHNSON Peter
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8)TOLEDO SHERMAN Leticia M.
9)MUNOZ Ignacio

(57) Abstract :
Certain chemical entities are provided herein. Also provided are pharmaceutical compositions comprising at least one chemical entity and one or more pharmaceutically acceptable vehicle. Methods of treating patients suffering from certain diseases and disorders responsive to the inhibition of KMO activity are described which comprise administering to such patients an amount of at least one chemical entity effective to reduce signs or symptoms of the disease or disorder are disclosed. These diseases include neurodegenerative disorders such as Huntington s disease. Also described are methods of treatment include administering at least one chemical entity as a single active agent or administering at least one chemical entity in combination with one or more other therapeutic agents. Also provided are methods for screening compounds capable of inhibiting KMO activity.

No. of Pages : 127 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.1108/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHTING SYSTEM FOR A VEHICLE INTERIOR COMPONENT

(51) International classification :B60Q3/02,G02B6/00,G02B6/40
(31) Priority Document No :61/522103
(32) Priority Date :10/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050404
Filing Date :10/08/2012
(87) International Publication No :WO 2013/023165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A vehicle (10) ventilation assembly (26) is provided that includes a movable vent (108) configured to direct an air flow from a heating ventilation and air conditioning system into a vehicle interior (12). The vehicle ventilation assembly (26) also includes a lighting assem bly (38) configured to illuminate a surface of the movable vent (108).

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11080/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INJECTION FLUID BAG AND INJECTION PREPARATION

(51) International classification :A61J1/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2014/059887
Filing Date :03/04/2014
(87) International Publication No :WO 2015/151264
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ISHINO Yoshikazu
2)KAI Zenichiro
3)SUEYOSHI Koji
4)WATANABE Ken

(57) Abstract :
An injection fluid bag obtained from a laminate film wherein the middle layer comprises a mixture of 60 mass% to 90 mass% of a crystalline polyamide resin and 10 mass% to 40 mass% of a non crystalline polyamide resin. In the crystalline polyamide resin the content of monomers and low molecular weight polymers is 0.8 mass% or less. The non crystalline polyamide resin comprises a semi aromatic polyamide.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11081/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYARYLENE ETHER SULFONE (PAES) POLYMERS

(51) International classification :C08G75/23
(31) Priority Document No :61/820855
(32) Priority Date :08/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/058799
Filing Date :30/04/2014
(87) International Publication No :WO 2014/180724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)THOMAS David B.
4)PATEL Hemantkumar

(57) Abstract :
A poly(arylether sulfone) polymer [(t-PAES) polymer, herein after], wherein more than 70 % moles of the recurring units are recurring units (Rt) of formula (St) : -E-Ari-S02-[Ar2-(T-Ar3)n-SC>2]m-Ar4- (formula St) wherein : n and m, equal to or different from each other, are independently zero or an integer of 1 to 5, each of An, Ar2, Ar3 and Ar4 equal to or different from each other and at each occurrence, is an aromatic moiety, T is a bond or a divalent group optionally comprising one or more than one heteroatom;- E is of formula (Et), wherein each of R, equal to or different from each other, is selected from the group consisting of halogen, alkyl, alkenyl, alkynyl, aryl, ether, thioether, carboxylic acid, ester, amide, imide, alkali or alkaline earth metal sulfonate, alkyl sulfonate, alkali or alkaline earth metal phosphonate, alkyl phosphonate, amine and quaternary ammonium; j is zero or is an integer from 1 to 4, and said (t-PAES) polymer having a number average molecular weight (Mn) ranging from 41 000 to 90 000.

No. of Pages : 52 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015
(21) Application No.11082/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INSTALLATION FOR HOT DIP COATING A METAL STRIP COMPRISING AN ADJUSTABLE CONFINEMENT BOX

(51) International classification :C23C2/00,C23C2/18,C23C2/20
(31) Priority Document No :PCT/IB2013/054750
(32) Priority Date :10/06/2013
(33) Name of priority country :PCT
(86) International Application No :PCT/IB2014/062092
Filing Date :10/06/2014
(87) International Publication No :WO 2014/199292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WENDT Axel
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5)MONNOYER Maxime
6)BENOIT Julien
7)MATAIGNE Jean Michel
8)DURIGHELLO Paul

(57) Abstract :
Installation for hot dip coating a metal strip comprising an adjustable confinement box Installation for hot dip coating a metal strip comprising: · means for moving said metal strip along a path · a pot (3) for containing a melt bath (4) and · a wiping system comprising at least two nozzles placed on either side of said path downstream the pot (3) the wiping system having a box (16) with a lower confinement part (18) for confining an atmosphere around the metal strip upstream of said nozzles (7) and an upper confinement part (30) for confining the atmosphere around the metal strip downstream of said nozzles said wiping system (7) having first moving means for vertically moving the lower confinement part (18) with respect to the pot (3). The nozzles are vertically movable relative to the pot (3). The wiping system (5) comprises second moving means (10) for vertically moving the upper confinement part (30) with respect to both the pot (3) and the lower confinement part (18).

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1005/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HBV POLYMERASE MUTANTS

(51) International classification :C12N9/22,A61K38/16,C07K14/02
(31) Priority Document No :11305909.1
(32) Priority Date :12/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063640
Filing Date :12/07/2012
(87) International Publication No :WO 2013/007772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SILVESTRE Nathalie
3)MARCHAND Jean Baptiste

(57) Abstract :
The present invention relates to polymerase HBV mutant polypeptides comprising a mutated polymerase domain which is functionally disrupted for polymerase activity and fusion proteins comprising such polymerase mutant polypeptide. The present invention also relates to a nucleic acid molecule and an expression vector for expressing said polymerase mutant polypeptide as well as a composition which can be used for eliciting an immune response to HBV with the goal of providing a protective or therapeutic effect against HBV infection.

No. of Pages : 149 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2015

(21) Application No.11087/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PACKAGE AS WELL AS A SLIDE AND A HOUSING SUITABLE FOR SUCH A PACKAGE

(51) International classification :B65D77/04,B65D5/38,B65D83/04
(31) Priority Document No :2011090
(32) Priority Date :04/07/2013
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2014/063956
Filing Date :01/07/2014
(87) International Publication No :WO 2015/000896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A package (1 101 201 301 401) comprises a housing (2 102 202) and a slide (3 103 203) which is slidably accommodated in the housing in a sliding direction (PI). The slide comprises a bottom wall (17) side walls (18 21) connected to the bottom wall as well as at least one flange shaped upper edge (22) spaced from the bottom wall which is connected to the side walls. The housing is provided with at least one recess (14 15) in which at least one projection connected to the slide can be positioned for at least locking the slide in position in the housing. The projection can be moved out of the recess against spring force after which the slide can be moved in the sliding direction in the housing. The flange shaped upper edge comprises two parts that extend parallel to the sliding direction wherein each part is provided with at least one hook shaped element (27 327) whilst the housing comprises two side walls (5 6) wherein each side wall is provided with at least one recess wherein a recess and a hook shaped element located at a first side wall are staggered seen in the sliding direction relative to a recess and a hook shaped element located at a second side wall. The hook shaped elements of the flange shaped upper edge can be moved out of the recesses against the spring force of the flange shaped upper edge.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2015

(21) Application No.11088/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PRODUCING LOW ENDOTOXIN CHITOSAN

(51) International classification :C08B37/08,A61L15/28,A61K31/722
(31) Priority Document No :1309606.0
(32) Priority Date :29/05/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/051648
Filing Date :29/05/2014
(87) International Publication No :WO 2014/191755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HARDY Craig
2)HOGGARTH Andrew
3)GLADMAN June

(57) Abstract :
The present invention relates to a process for producing a low endotoxin alkali chitosan chitin chitosan derivative or chitin derivative and also to a process for producing low endotoxin neutral chitosan chitosan salt and chitosan derivatives and to the products of such processes. The process comprises contacting chitosan chitin chitosan derivative or chitin derivative with an alkali solution to form a mixture; leaving the mixture for a period of less than 1 hour and optionally drying the mixture. The low endotoxin alkali chitosan may be used in the manufacture of other useful chitosan based products.

No. of Pages : 32 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2015

(21) Application No.11091/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TWO PHASE EXPANSION DEVICE CAPABLE OF MAXIMIZING THE AMOUNT OF MOVEMENT PRODUCED BY A TWO PHASE FLOW

(51) International classification :F03G7/05
(31) Priority Document No :1301676
(32) Priority Date :10/07/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/051766
Filing Date :09/07/2014
(87) International Publication No :WO 2015/004389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FAVY Claude

(57) Abstract :
The invention relates to a two phase expansion device (106) capable of maximizing the amount of movement produced by a two phase flow. The two phase expansion device (106) is characterized in that it includes at least: one dispenser (105) for dispensing the fluid to a plurality of two phase expansion nozzles (60); a plurality of adjacent two phase expansion nozzles (60) with substantially parallel axes each two phase expansion nozzle (60) including sequentially at least one diffuser (65) one neck (66) and one tube (67) the two phase expansion nozzles (60) being arranged to each receive a portion of the flow from the hot source; and means for supporting the plurality of two phase expansion nozzles (60) and including means for sealably separating the two phase expansion nozzles (60).

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013

(21) Application No.10800/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCOAGULANT PEPTIDES AND THEIR DERIVATIVES AND USES THEREFOR

(51) International classification :A61L15/32
(31) Priority Document No :13/173013
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/042346
Filing Date :14/06/2012
(87) International Publication No :WO 2013/003045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WANG Yi Lan
2)ZHANG Guanghui

(57) Abstract :
The present invention is directed to a hemostatic or tissue sealing material having (a) a peptide having a sequence SEQ ID NO: 1 or an amino acid analog sequence thereof and (b) a scaffold for said peptide or amino acid analogue sequence. The scaffold is preferably hemostatic such as a natural or genetically engineered absorbable polymer a synthetic absorbable polymer or combinations thereof. The natural or genetically engineered absorbable polymers can be selected from the group consisting of a protein a polysaccharide or combinations thereof.

No. of Pages : 52 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11280/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLEXIBLE CONTAINER WITH DISPENSING AID

(51) International classification :B65D33/00
(31) Priority Document No :61/858243
(32) Priority Date :25/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/047112
Filing Date :18/07/2014
(87) International Publication No :WO 2015/013111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ARENT Lee Mathew
2)COX Donald Joseph

(57) Abstract :
A flexible container including a first web portion defined by a first periphery and a second web portion defined by a second periphery. The second web portion may be disposed in a face to face relationship with the first web and at least partially overlapping the first web. At least a portion of the second periphery may be bonded or sealed to the first web the sealed portion defines a first product volume. The container further includes a dispensing aid disposed adjacent to the sealed portion of the second periphery and may include a dispensing valve. The dispensing aid includes third and fourth web portions sealed along a closed periphery and defining an expanded volume or structural support volume.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11281/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER LAYER PARAMETER SET FOR HEVC EXTENSIONS

(51) International classification :H04N19/70,H04N19/30
(31) Priority Document No :61/836552
(32) Priority Date :18/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/042923
Filing Date :18/06/2014
(87) International Publication No :WO 2014/205067
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HE Yong
2)YE Yan
3)HE Yuwen
4)XIU Xiaoyu

(57) Abstract :
A video coding device may provide video data processing. The video coding device may receive a plurality of video representation format subsets. The plurality of video representation format subsets may correspond to a plurality of layers. Each of the plurality of video representation subsets may include one or more video representation parameter values. The video coding device may receive a video representation format subset index (e.g. in a cross layer parameter set) associated with a current layer. The video coding device may determine using the video representation format subset index one of the plurality of video representation format subsets associated with the current layer.

No. of Pages : 70 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11282/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VEHICLE CONTROLLING DEVICE AND METHOD

(51) International classification :F16H61/02,F16D48/02,F16H37/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/066171
Filing Date :12/06/2013
(87) International Publication No :WO 2014/199457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKADA Hirofumi
3)YOSHIDA Michio
4)KONDO Hiroki
5)MATSUO Kenji
6)ISHIIZUMI Kazuya
7)INOUE Daisuke
8)SUZUMURA Kyohei

(57) Abstract :
Provided are a vehicle controlling device and method wherein the operation of a clutch mechanism is controlled according to the traveling state or the stopped state of a vehicle at the time an engine is stopped for the vehicle that comprises a transmission path that includes a stepped transmission unit a transmission path that includes a continuously variable transmission unit and is provided parallel to the stepped transmission unit and the clutch mechanism for switching the transmission path. The vehicle controlling device comprising between an input shaft and an output shaft the continuously variable transmission unit that continuously changes the gear ratio the stepped transmission unit that is provided in parallel with the continuously variable transmission unit and that can set a gear ratio that cannot be set with the continuously variable transmission unit and a clutch mechanism that is provided in the torque transmission path between the stepped transmission unit and a drive wheel is configured so that the clutch mechanism is released when the vehicle speed is at a prescribed value or higher and the engine is stopped.

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015
(21) Application No.11083/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL FIBER RIBBON CORE AND OPTICAL FIBER CABLE

(51) International classification :G02B6/44
(31) Priority Document No :2013097510
(32) Priority Date :07/05/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/061867
Filing Date :28/04/2014
(87) International Publication No :WO 2014/181730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)OSATO Ken
5)OKADA Naoki
6)NAKANE Hisaaki
7)YAMADA Yusuke
8)KAKUTA Daisuke
9)HAMAGUCHI Shinya
10)SHIBATA Yukihiko

(57) Abstract :
Provided is an optical fiber ribbon core whereby a ribboning material can be easily removed after single core separation. The present invention is provided with: a plurality of optical fiber cores (10a 10b) arranged parallel to each other and apart from each other; and a ribboning material (20) having coating parts (21a 21b) for covering an external periphery of the plurality of optical fiber cores (10a 10b) and a connecting part (22a) for intermittently connecting between adjacent optical fiber cores (10a 10b) the connecting part (22a) being formed integrally with the coating parts (21a 21b); the coating parts (21a 21b) having open parts (31 32) for exposing portions of surfaces of the optical fiber cores (10a 10b); and at least a portion of the coating parts (21a 21b) being continuous in the longitudinal direction of the optical fiber cores (10a 10b).

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11084/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION FOR HEAT MELT EXTRUSION AND METHOD FOR PRODUCING HEAT MELT EXTRUDED PRODUCT USING SAME

(51) International classification :A61K47/38,A61K9/16,A61K9/20
(31) Priority Document No :2013116836
(32) Priority Date :03/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/064711
Filing Date :03/06/2014
(87) International Publication No :WO 2014/196519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WARASHINA, SHOGO
2)KUSAKI Fumie
3)KIKUCHI Kazuki
4)OBARA Sakae
5)MARUYAMA Naosuke

(57) Abstract :
Provided is a composition for heat melt extrusion which contains at least a medicament and a hypromellose acetate succinate (HPMCAS) that has a degree of molar substitution of hydroxypropoxy groups of 0.40 or more and a ratio (molar ratio) of acetyl groups to succinyl groups of less than 1.6. Also provided is a method for producing a heat melt extruded product which comprises at least a step wherein a composition for heat melt extrusion containing at least a medicament and a hypromellose acetate succinate that has a degree of molar substitution of hydroxypropoxy groups of 0.40 or more and a ratio (molar ratio) of acetyl groups to succinyl groups of less than 1.6 is heated melted and extruded at a heat melt temperature that is not less than the melting temperature of the hypromellose acetate succinate or not less than the temperature at which both the hypromellose acetate succinate and the medicament are melted.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11085/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS SYSTEMS AND METHODS FOR REDUCING NOISE GENERATED BY ROTATING COUPLINGS AND DRIVES

(51) International classification :H02K49/02,H02K5/18,H02K9/22
(31) Priority Document No :61/820606
(32) Priority Date :07/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016325
Filing Date :13/02/2014
(87) International Publication No :WO 2014/182357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TOMCZAK Mike
3)LEE Jeongkwan
4)NOSON Dennis

(57) Abstract :
A heat sink element for a device is operable by relative rotation of a conductor rotor assembly and a magnet rotor assembly. The heat sink element includes a base portion and a plurality of fins. The base portion includes a mounting face that is sized and dimensioned to be coupled to the conductor rotor assembly and an opposing convective heat transfer face. The plurality of fins extend from the convective heat transfer face of the base portion. Adjacent fins are separated by a channel that extends along a longitudinal direction of the fins. The fins include at least one surface disruption on a top surface thereof.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2015

(21) Application No.11086/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELEVATOR MACHINE AND STATOR SUPPORT STRUCTURE

(51) International classification :B66B11/04,H02K21/22
(31) Priority Document No :61/827968
(32) Priority Date :28/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039134
Filing Date :22/05/2014
(87) International Publication No :WO 2014/193726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HUBBARD James L.
2)STRBUNCELJ Zlatko

(57) Abstract :
Embodiments are directed an elevator machine comprising: a stator assembly and a plurality of support plates coupled to the stator assembly wherein a respective at least one of the support plates is coupled on each end of the stator assembly and configured to enable the stator assembly to expand radially and axially in a substantially uniform manner over a range of temperatures.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11320/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CANCELLATION OF SPURIOUS RESPONSES FROM LOCAL OSCILLATOR CROSS-COUPLING

(51) International classification :H04B1/52
(31) Priority Document No :13/935728
(32) Priority Date :05/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/062094
Filing Date :11/06/2014
(87) International Publication No :WO 2015/000664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUNDSTR–M Lars
2)MU Fenghao

(57) Abstract :
Interference cancellation techniques may be implemented in a radio transceiver configured to transmit a radio frequency transmit signal at a transmit frequency and having two or more local oscillators operative to simultaneously generate local oscillator signals at corresponding local oscillator frequencies for simultaneously down converting two or more corresponding received radio frequency signals. An example method begins with identifying one or more self interfering frequencies based on the local oscillator frequencies and the transmit frequency. A baseband cancellation signal is then generated by weighting and frequency shifting a baseband representation of the transmit signal based on the identified self interfering frequencies. The baseband cancellation signal is then combined with a down converted received signal to obtain an interference reduced baseband signal.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11321/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING 4,6-BIS(ARYLOXY)PYRIMIDINE DERIVATIVES

(51) International classification :C07D239/52
(31) Priority Document No :13169497.8
(32) Priority Date :28/05/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/DK2014/050145
Filing Date :27/05/2014
(87) International Publication No :WO 2014/190997
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHEMINOVA A/S
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(72)**Name of Inventor :**
1)LINDSAY Karl Bernhard

(57) Abstract :
Process for preparing 4 6 bis(aryloxy)pyrimidine derivatives A process is provided for preparing 4 6 bis(aryloxy)pyrimidine derivatives. The process is conducted in water as reaction medium and catalyzed by one or more tertiary amine catalyst(s). It has been found that a water based reaction substantially free of organic solvents can be carried out providing excellent yields by the addition of one or more tertiary amine catalysts to the reaction medium. This provides a clean reaction and produces the desired product in high yields.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11322/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND PROCESS FOR STARTING THE FLIGHT OF POWER WING AIRFOILS IN PARTICULAR FOR WIND GENERATOR

(51) International classification	:F03D5/00
(31) Priority Document No	:TO2013A000480
(32) Priority Date	:12/06/2013
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IT2014/000154 :05/06/2014
(87) International Publication No	:WO 2014/199406
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IPPOLITO Massimo

(57) Abstract :
A system (1) is described for starting the flight of power wing airfoils (7) in particular for a wind generator (5) comprising at least one wing profile (7) operatively connected through control tie rods (9) to winches or other control mechanisms of a flight of such wing profile (7) and at least one autonomous transporting flying vector (11) adapted to be connected through disengageable connecting means (13) to at least one wing profile (7) and to transport in flight such wing profile (7). A process is further described for starting the flight of such power wing airfoils (7) through such system (1).

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11323/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR PREVENTING ACCIDENTS CAUSED BY REAR COLLISIONS AND OPERATING SYSTEM THEREOF

(51) International classification :B60Q1/44,G06F19/00
(31) Priority Document No :P201300843
(32) Priority Date :10/06/2013
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2014/000093
Filing Date :10/06/2014
(87) International Publication No :WO 2014/198971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a device for preventing accidents caused by rear end collisions comprising a an electronic control unit connected to the electronic circuit of the vehicle and provided with a signal receiver and transmitter. The electronic control unit performs the following functions together with the GPS antenna the accelerator encoder and the third brake light namely: Activation of the third brake light so that said light to flashes when the vehicle is travelling below the minimum speed limit on a dual carriageway or motorway; activation of the third brake light by the accelerator encoder 0.5 seconds before the brake pedal is pressed; and activation of the third brake light in response to a sudden reduction in speed.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11324/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIVE VIDEO DISTRIBUTION SYSTEM

(51) International classification :H04N21/4728,H04N21/214,H04N21/2187
(31) Priority Document No :2013120449
(32) Priority Date :07/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/064549
Filing Date :31/05/2014
(87) International Publication No :WO 2014/196483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A live video distribution system comprises the following: an on site system having a communication means (1) and a video signal generation means for generating video signals for a plurality of systems the display ranges of which differ; and a plurality of terminal devices each provided with a video display means a display range setting signal generation means and a communication means (2). The video signal systems and the terminal devices are associated with each other. The on site system has a function for determining the display range of the video signal of each system on the basis of display range setting signal information generated by the terminal devices which are associated with each system and a function for transmitting video signals. The terminal devices have a function for transmitting display range setting signals a function for receiving the video signals of a system which is associated with itself and a function for displaying video on the basis of the video signals.

No. of Pages : 53 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11325/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLEXOGRAPHIC PRINTING PLATE MATERIAL

(51) International classification :B41N1/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/066254
Filing Date :12/06/2013
(87) International Publication No :WO 2014/199470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TANAKA Ryuta
3)ARIYOSHI Yu

(57) Abstract :
Provided is a flexographic printing plate material including: a printing layer for engraving that includes rubber; a compression layer; a base fabric layer arranged between the printing layer for engraving and the compression layer; and a reinforcing layer. The thickness of the flexographic printing plate material is more than 2.75 mm but no more than 7 mm. The printing layer for engraving has a thickness ratio relative to said thickness of 10% 78% and the compression layer has a thickness ratio relative to said thickness of 6% 78%.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11326/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLEXOGRAPHIC PRINTING PLATE MATERIAL

(51) International classification :B41N1/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/066253
Filing Date :12/06/2013
(87) International Publication No :WO 2014/199469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)TANAKA Ryuta
3)ARIYOSHI Yu

(57) Abstract :
Provided is a flexographic printing plate material including: a printing layer for engraving that includes rubber; a compression layer; a base fabric layer arranged between the printing layer for engraving and the compression layer; and a reinforcing layer.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11327/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DOUBLE STRANDED ANTISENSE NUCLEIC ACID WITH EXON SKIPPING EFFECT

(51) International classification :A61K31/713,A61P21/00
(31) Priority Document No :61/835634
(32) Priority Date :16/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2014/003208
Filing Date :16/06/2014
(87) International Publication No :WO 2014/203518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YOSHIOKA Kotaro
4)OBIKA Satoshi
5)SHIMO Takenori

(57) Abstract :
Disclosed are double stranded antisense nucleic acid complexes that can efficiently alter the processing of RNA in a cell via an antisense effect and methods for using the same. One method comprises contacting with the cell a double stranded nucleic acid complex comprising: a first nucleic acid strand annealed to a second nucleic acid strand wherein: the first nucleic acid strand comprises (i) nucleotides independently selected from natural DNA nucleotides modified DNA nucleotides and nucleotide analogs (ii) no regions that have 4 or more consecutive natural DNA nucleotides (iii) the total number of natural DNA nucleotides modified DNA nucleotides and nucleotide analogs in the first nucleic acid strand is from 8 to 100 and (iv) the first nucleic acid strand is capable of hybridizing to RNA inside of the cell; and the second nucleic acid strand comprises nucleotides independently selected from natural RNA nucleotides modified RNA nucleotides and nucleotide analogs.

No. of Pages : 65 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11328/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEDICAL DEVICE COMPRISING COLLAGEN VI

(51) International classification :A61L27/24,A61L27/34,A61L31/10
(31) Priority Document No :13173411.3
(32) Priority Date :24/06/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/062939
Filing Date :19/06/2014
(87) International Publication No :WO 2014/206856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GRETZER Christina

(57) Abstract :
A medical device intended for insertion into a living body comprises a non biodegradable substrate having a tissue contact surface wherein said tissue contact surface is at least partially coated with microfibrils of collagen VI. The inventors have found that the collagen VI coating provides antimicrobial properties against aerobic and anaerobic human pathogens. Furthermore an unexpected synergistic effect between collagen VI and the innate immune system was obtained.

No. of Pages : 44 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11329/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION AND VACCINE FOR TREATING LUNG CANCER

(51) International classification :A61K39/00
(31) Priority Document No :PCT/EP2013/002514
(32) Priority Date :21/08/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/002299
Filing Date :21/08/2014
(87) International Publication No :WO 2015/024666
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention relates to a composition comprising at least one mRNA encoding a combination of antigens capable of eliciting an (adaptive) immune response in a mammal wherein the antigens are selected from the group consisting of 5T4 (Trophoblast glycoprotein TPBG) Survivin (Baculoviral IAP repeat containing protein 5; BIRC5) NY ESO 1 (New York esophageal squamous cell carcinoma 1 CTAG1 B) MAGE C1 (Melanoma antigen family C1) MAGE C2 (Melanoma antigen family C2) and MUC1 (Mucin 1). The invention furthermore relates to a vaccine comprising at least one mRNA encoding such a combination of antigens and to the use of said composition (for the preparation of a vaccine) and/or of the vaccine for eliciting an (adaptive) immune response for the treatment of lung cancer preferably of non small cell lung cancer (NSCLC) and diseases or disorders related thereto. Finally the invention relates to kits particularly to kits of parts containing the composition and/or the vaccine.

No. of Pages : 245 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2014

(21) Application No.111/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INSULATED SLEEVE FOR A CUP

(51) International classification :A47G23/02,B32B29/00
(31) Priority Document No :61/498415
(32) Priority Date :17/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043016
Filing Date :18/06/2012
(87) International Publication No :WO 2013/101301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)EULER John B.
5)PALADINO Jason J.
6)MARAVICH Milan C.
7)DAVIS Daniel O.
8)MANN Jeffrey A.

(57) Abstract :
A container includes a cup formed to include and interior region and an insulated sleeve. The insulated sleeve is coupled to an outer surface of the cup.

No. of Pages : 53 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11330/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ENHANCING EXERCISE PERFORMANCE

(51) International classification :A23K1/16,A23K1/18
(31) Priority Document No :61/841011
(32) Priority Date :28/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/043396
Filing Date :20/06/2014
(87) International Publication No :WO 2014/209791
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ZANGHI Brian M.
2)REYNOLDS Arleigh J.
3)MIDDLETON Rondo P.

(57) Abstract :
Compositions and methods are provided for improving canine exercise performance. The compositions are pre-exercise supplements that generally comprise (a) about 35% to about 60% protein or amino acids comprising one or more structural proteins one or more bioavailable proteins and one or more branched chain amino acids; (b) about 20% to about 38% fat comprising at least one source of medium chain triglycerides; and (c) about 5% to about 25% carbohydrate. The methods involve administering the supplement to the animal within about 30 60 minutes before the beginning of the exercise session. The supplements can be administered in conjunction with one or more other exercise performance enhancing or recovery agents.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11331/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LACTOFERRIN AND MEMORY AND LEARNING SPEED IN CHILDREN

(51) International classification :A61K38/40,A23L1/305,A23L1/29
(31) Priority Document No :PCT/CN2013/082809
(32) Priority Date :02/09/2013
(33) Name of priority country :China
(86) International Application No :PCT/EP2014/063742
Filing Date :27/06/2014
(87) International Publication No :WO 2015/028173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WANG Junkuan
4)DONG Zhizhong

(57) Abstract :
The present invention generally relates to the development of cognitive function in infants. More particularly the present invention provides the use of lactoferrin for improving memory and/or learning speed and/or for promoting brain maturation in infants under physiological i.e. non pathological conditions. In one aspect the present invention shows the utility of lactoferrin for improving long term memory e.g. long term location memory in a healthy infant.

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11332/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STRESS TOLERANT PLANTS

(51) International classification :A01H5/00,C12N15/82
(31) Priority Document No :13382197.5
(32) Priority Date :29/05/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/061214
Filing Date :29/05/2014
(87) International Publication No :WO 2014/191539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to transgenic plants and methods for modulating abscisic acid (ABA) perception and signal transduction in plants. The plants find use in increasing yield in plants particularly under abiotic stress.

No. of Pages : 246 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11334/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SURGE UNDERBOOST PNEUMATIC COMPRESSOR RECIRCULATION VALVE SYSTEM

(51) International classification :F02M23/09
(31) Priority Document No :61/834750
(32) Priority Date :13/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/042307
Filing Date :13/06/2014
(87) International Publication No :WO 2014/201355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRAICHEN Brian M.
3)HAMPTON Keith
4)GILMER Matt
5)MILLER James H.
6)LONG Steve

(57) Abstract :
An engine system having a compressor coupled to an engine and supplying air to an intake manifold a throttle controlling the supply of air from the compressor to the intake manifold a compressor recirculation valve (CRV) having a pneumatic control chamber and a throttle aspirator having its motive section in fluid communication with an inlet of the throttle and its discharge section in fluid communication with an outlet of the throttle and its suction port in fluid communication with the pneumatic control chamber of the CRV. Such an engine system automatically minimizes surge during boost without a control system activating the CRV. Here the CRV operates purely on the changes in pressure within the system forming a loop that resets itself. In another embodiment a gate valve and a vacuum canister may be included rather than having the throttle aspirator directly connected to the CRV s pneumatic control chamber.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2015

(21) Application No.11337/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A GRINDING APPARATUS

(51) International classification :B02C2/04,B02C25/00
(31) Priority Document No :2013901788
(32) Priority Date :20/05/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2014/000519
Filing Date :14/05/2014
(87) International Publication No :WO 2014/186821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROPER Linden David

(57) Abstract :
A grinding apparatus (100) comprises a receptacle (110) a grinding element (120) and a drive means. The receptacle (110) has a receptacle inner wall (111) defining a receptacle cavity (112). The receptacle inner wall (111) is in the general form of a surface of a revolution extending about a central vertically extending receptacle axis (A). The receptacle (110) is rotatable about the receptacle axis (A). The grinding element (120) has a grinding element outer wall (121) in the general form of a surface of revolution extending about a central vertically extending grinding element axis (B). The grinding element axis (B) is generally parallel to the receptacle axis (A) and offset from the receptacle axis (A) by an offset distance (D). The receptacle inner wall (111) and grinding element outer wall (121) together define a grinding chamber (116) within the receptacle cavity (112). The grinding chamber (116) has a generally annular cross section. The drive means is adapted to rotationally drive the grinding element (120) about the grinding element axis (B) and/or to rotationally drive the receptacle (110) about the receptacle axis (A). The offset distance (D) may be selectively adjustable.

No. of Pages : 37 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2014

(21) Application No.1040/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HETEROLOGOUS EXPRESSION OF AN ASPERGILLUS KAWACHI ACID-STABLE ALPHA AMYLASE AND APPLICATIONS IN GRANULAR STARCH HYDROLYSIS

(51) International classification :C12N
(31) Priority Document No :60/575,175
(32) Priority Date :27/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/040040
Filing Date :30/11/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6496/DELNP/2006
Filed on :30/11/2004

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3)SHETTY Jayarama K.
4)LANTZ Suzanne E.
5)PEPSIN Michael J.

(57) Abstract :
The present invention relates to a granular starch hydroly/ing enzyme composition comprising an acid Stable alpha amylasc (asAA) having granular starch hydro) yzing aclivity. The invention also relates to a one-step method for producing an alcohol which comprises contacting a granular starch suhslrale with an acid-stable alpha amylase (asAA) having granular starch (lydrolyzinj; (GSH) aclivily and a plucoamylase (G A) in a fermentation step which also comprises ethanologenic microorganisms at a temperature of 25 - 40°C to obtain a fermentation broth having 5 to 20# ethanol.

No. of Pages : 81 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014

(21) Application No.1063/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STABLE ANTI INFLAMMATORY SOLUTIONS FOR INJECTION

(51) International classification :A61K9/00
(31) Priority Document No :61/515234
(32) Priority Date :04/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049463
Filing Date :03/08/2012
(87) International Publication No :WO 2013/020021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)SHEN Hui rong

(57) Abstract :
The present invention relates to stable liquid formulations of ketoprofen amitriptyline and oxymetazoline.

No. of Pages : 49 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2015

(21) Application No.10855/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREPARATION OF AZOXYSTROBIN

(51) International classification :C07D 239/34
(31) Priority Document No :0619941.8
(32) Priority Date :09/10/2006
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2007/003735
Filing Date :02/10/2007
(87) International Publication No :WO/ 2008/043978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2072/DELNP/2009
Filed on :02/10/2007

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(72)**Name of Inventor :**
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2)BOYD Ewan Campbell
3)VASS Jack Hugh
4)WHITTON Alan John

(57) Abstract :
The present invention relates, inter alia, to a process for preparing a compound of formula (I): using, as a catalyst 1,4-diazabicyclo[2.2.2]octane.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2015

(21) Application No.11100/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRAG REDUCTION SYSTEM

(51) International classification :F42B10/40,F42B10/66
(31) Priority Document No :1309917.1
(32) Priority Date :04/06/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/051652
Filing Date :30/05/2014
(87) International Publication No :WO 2014/195683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)JOHNSON Martin

(57) Abstract :
The invention relates to a drag reduction system more specifically a forward mounted drag reduction system for use on extended range artillery. There is provided along range artillery projectile having forward end comprising a fuze an aft located base unit and located therebetween a projectile body defining cavity which comprises a payload a forwardly located gas generator capable of generating a gas flow and an ignition device to ignite the gas generator; preferably at a predetermined time after the projectile is launched.

No. of Pages : 13 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.1177/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INVERTER HOUSING SYSTEM

(51) International classification :H05K7/14,H05K7/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2011/054434
Filing Date :07/10/2011
(87) International Publication No :WO 2013/050807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KANCHARLA Ashok Kumar
3)HARDIKAR Narendra Anand
4)BEDI Sanjay

(57) Abstract :
A housing system can comprise a plastic cover (12); a plastic base (14) comprising a floor (20) having side walls (22 24); a first elevation (26); a second elevation (34); a first mounting column (40) located in a transformer end (32) of the plastic base (14) adjacent a major axis first sidewall (22); a second mounting column (42) located in the transformer end (32) of the plastic base (14) adjacent a major axis second sidewall (22); wherein the first and second mounting columns (40 42) have a top surface (44) that protrudes a distance from the floor (20) in the Z direction in an amount greater than or equal to elevation walls (28 36) wherein the top surface (44) is configured to receive an attachment element (46). The housing system can also comprise a transformer (72) physically attached to the mounting columns; a capacitor (74); a fan (78) and a printed circuit board (80).

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.1227/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING MERCAPTOALKYL CARBOXYLATES

(51) International classification :C07C319/22,C07C323/12
(31) Priority Document No :11178664.6
(32) Priority Date :24/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065862
Filing Date :14/08/2012
(87) International Publication No :WO 2013/026739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KAIBEL Gerd

(57) Abstract :
The acid catalysed esterification of mercaptoalkyl alcohols with carboxylic acids to give mercaptoalkyl carboxylates typically results in the formation of unwanted usually sparingly soluble by products. The process according to the invention in the absence of acid catalysts avoids the formation of such by products. Especially in the case of performance of the inventive esterification as a reactive distillation using reactive column and delay vessel it is possible to obtain good conversion rates even without acid catalyst and simultaneously to substantially avoid the formation of the by products.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2013

(21) Application No.11283/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITIONS IN THE FORM OF WATER IN OIL EMULSIONS INCLUDING A JASMONIC ACID DERIVATIVE

(51) International classification :A61K8/06,A61K8/19,A61K8/365
(31) Priority Document No :11 56228
(32) Priority Date :08/07/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/063284
Filing Date :06/07/2012
(87) International Publication No :WO 2013/007647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GIGNON Pascale
3)GUEDON Mathilde

(57) Abstract :
This invention relates to a composition including a physiologically acceptable medium containing at least one coloring agent; and at least one jasmonic acid derivative compound in which said composition is in the form of a water in oil emulsion and said aqueous phase represents 40% to 55% by weight with respect to the total weight of said composition.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11283/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR TREATING CHEMICAL PULPS BY TREATMENT WITH OZONE IN THE PRESENCE OF MAGNESIUM IONS

(51) International classification :D21C9/00,D21C9/08,D21C9/10
(31) Priority Document No :1355496
(32) Priority Date :13/06/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/051460
Filing Date :13/06/2014
(87) International Publication No :WO 2014/199101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ARKEMA FRANCE
(72)**Name of Inventor :**
1)POUYET Frdric
2)LACHENAL Dominique
3)CHIRAT Christine

(57) Abstract :
The invention relates to a method for treating chemical pulp comprising a step of treating the pulp with ozone following a step of alkaline extraction wherein the alkaline extraction is carried out in the presence of magnesium ions (Mg).

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2013

(21) Application No.11284/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRODUCTION OF DHA AND OTHER LC PUFAS IN PLANTS

(51) International classification :C12N5/04
(31) Priority Document No :61/511878
(32) Priority Date :26/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048355
Filing Date :26/07/2012
(87) International Publication No :WO 2013/016546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GACHOTTE Daniel
3)MERLO Ann Owens
4)PAREDDY Dayakar Reddy
5)METZ James
6)BEVAN Scott
7)KUNER Jerry

(57) Abstract :
The invention provides recombinant host organisms genetically modified with a polyunsaturated fatty acid (PUFA) synthase system and one or more accessory proteins that allow for and/or improve the production of PUFAs in the host organism. The present invention also relates to methods of making and using such organisms as well as products obtained from such organisms.

No. of Pages : 912 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11284/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISC BRAKE

(51) International classification :F16D66/02,F16D65/097
(31) Priority Document No :2013116366
(32) Priority Date :31/05/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/061992
Filing Date :30/04/2014
(87) International Publication No :WO 2014/192495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TANABE Daisuke
3)KUMEMURAYoichi
4)TANABESeiko
5)YOSHIDAHitoshi

(57) Abstract :
In this disc brake a biasing spring (15) which biases a friction pad (10) towards the turn out side of the disc (1) during forward motion of the vehicle is arranged between a lug (11A) of the friction pad (10) and a torque receiving surface (5) of the carrier (2) and the distal end of the biasing spring (15) is brought into contact with the disc (1) to detect wear. This disc brake is characterized in that from the base side the biasing spring (15) is largely configured from an attachment part (15A) a first extending part (15B) a border section (15E) a bent part (15C) and a second extending part (15D) and in that the rigidity is decreased by narrowing the border section (15E) and is increased by widening the bent part (15C) and providing a reinforcing part (15C1). By this means the eigenfrequency of the second extending part (15D) in the vertical direction (J) approaches the eigenfrequency in the rotational direction (K) making self excited vibration more likely to occur and by this means it is possible to achieve sufficient sound detection.

No. of Pages : 50 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11285/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI FOLR1 IMMUNOCONJUGATE DOSING REGIMENS

(51) International classification :C07K16/32
(31) Priority Document No :61/823317
(32) Priority Date :14/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/037911
Filing Date :13/05/2014
(87) International Publication No :WO 2014/186403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RUNNING Kelli
2)MASTICO Robert A.
3)OLEARY James J.
4)AB Olga
5)WOLF Beni B.

(57) Abstract :
Methods of administering immunoconjugates that bind to FOLR1 are provided. The methods comprise administering an anti FOLR1 immunoconjugate to a person in need thereof for example a cancer patient at a therapeutically effective dosing regimen that results in minimal adverse effects.

No. of Pages : 59 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.1351/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUID CARTRIDGE AND DISPENSION DEVICE

(51) International classification :A61M11/06,B05B7/00
(31) Priority Document No :11179621.5
(32) Priority Date :31/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066520
Filing Date :24/08/2012
(87) International Publication No :WO 2013/030117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ZIMMER Andreas
3)TRINKER Martin
4)BRUNNER Peter
5)LINDENA Bernd Heiko
6)BEHNE Rainer

(57) Abstract :
A fluid cartridge (100) for dispensing a fluid the fluid cartridge (100) comprising a casing (102) for accommodating the fluid a pressure feed interface (104) configured for being coupled to a pressure feed unit (106) for feeding the fluid in the casing (102) with pressurized medium a fluid dispensing unit (108) configured for generating particles particularly fluid particles upon feeding the fluid in the casing (102) with pressurized medium and a fluidic path (110) in the casing (102) being opened or openable for enabling the particles particularly fluid particles to leave the casing (102) through the fluidic path (110).

No. of Pages : 76 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2013

(21) Application No.10007/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL MAYTANSINOID DERIVATIVES WITH PEPTIDE LINKER AND CONJUGATES THEREOF

(51) International classification :A61K47/48,A61P35/00
(31) Priority Document No :61/499548
(32) Priority Date :21/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043488
Filing Date :21/06/2012
(87) International Publication No :WO 2012/177837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WIDDISON Wayne C.

(57) Abstract :
The invention relates to novel cell binding agent cytotoxic agent conjugate having a peptide linkers and more specifically to conjugates of formula (I). The invention also provides novel cytotoxic agents of formula (II) linker compounds represented by formula (III) and drug linker compounds represented by formula (IV). The invention further provides compositions and methods useful for inhibiting abnormal cell growth or treating a proliferative disorder in a mammal using the compounds or conjugates of the invention.

No. of Pages : 208 No. of Claims : 181

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2013

(21) Application No.10008/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIBENZO[C G]CARBAZOLE COMPOUND LIGHT EMITTING ELEMENT LIGHT EMITTING DEVICE DISPLAY DEVICE LIGHTING DEVICE AND ELECTRONIC DEVICE

(51) International classification :C07D209/80,H01L51/50
(31) Priority Document No :2011161161
(32) Priority Date :22/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068049
Filing Date :10/07/2012
(87) International Publication No :WO 2013/015144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUZUKI Hiroki
2)SEO Satoshi
3)KAWAKAMI Sachiko
4)SUZUKI Tsunenori

(57) Abstract :
Provided is a novel compound which can be used for a transport layer or as a host material or a light emitting material in a light emitting element and with which a high performance light emitting element can be manufactured. A dibenzo[c,g]carbazole compound in which an aryl group having 14 to 30 carbon atoms and including at least anthracene is bonded to nitrogen of a dibenzo[c,g]carbazole derivative is synthesized. By use of the dibenzo[c,g]carbazole compound a light emitting element having very good characteristics can be obtained.

No. of Pages : 147 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2014

(21) Application No.129/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPHTHALMIC SOLUTION CONTAINING HYALURONIC ACID OR SALT THEREOF AND PROPYLENE GLYCOL

(51) International classification :A61K9/08,A61K47/10,A61K47/18
(31) Priority Document No :2011139566
(32) Priority Date :23/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065957
Filing Date :22/06/2012
(87) International Publication No :WO 2012/176865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OGAWA Toshihiro
3)HORIBE Yoshihide
4)DOTA Atsuyoshi
5)NAGANO Takashi
6)NAKAMURA Masatsugu
7)NAKADA Yuichiro

(57) Abstract :
A water based ophthalmic solution comprising hyaluronic acid or a salt thereof at a concentration of 0.03 0.5% (w/v) and propylene glycol at a concentration of 0.1 1.0% (w/v) wherein benzalkonium chloride is contained at a concentration of 0.001 0.002% (w/v) as a sole preservative agent and an ionic tonicity agent is also contained at such a concentration that the osmotic pressure ratio of the ophthalmic solution becomes 0.9 1.1.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2014

(21) Application No.1355/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS METHOD AND ARTICLE FOR A POWER STORAGE DEVICE COMPARTMENT

(51) International classification :H02J7/00,B60L11/18,B60W20/00
(31) Priority Document No :61/511900
(32) Priority Date :26/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048375
Filing Date :26/07/2012
(87) International Publication No :WO 2013/016559
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LUKE Hok Sum Horace
3)HUANG Jui Sheng
4)TAYLOR Matthew Whiting
5)HUNG Huang Cheng

(57) Abstract :
A network of collection charging and distribution machines collect charge and distribute portable electrical energy storage devices (e.g. batteries supercapacitors or ultracapacitors). To allow easy and convenient access to empty portable electrical energy storage device compartments within the vehicles if the vehicle comes within the vicinity of a collection charging and distribution machine or other authorized external device such as a key fob or other wireless device of a user an empty portable electrical energy storage device compartment that is closed or locked is unlocked unlatched or opened automatically. Also if the portable electrical energy storage device compartment is in another desired state to have the compartment unlocked such as having a portable electrical energy storage device in the compartment that has a charge level below a particular threshold the compartment will likewise be unlocked unlatched or opened automatically.

No. of Pages : 64 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2014

(21) Application No.1356/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DYNAMICALLY LIMITING VEHICLE OPERATION FOR BEST EFFORT ECONOMY

(51) International classification	:B60L11/18,B60W20/00,B60W10/08
(31) Priority Document No	:61/511900
(32) Priority Date	:26/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/048349 :26/07/2012
(87) International Publication No	:WO 2013/016542
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)LUKE Hok Sum Horace
2)TAYLOR Matthew Whiting

(57) Abstract :
Vehicle operation (e.g. speed acceleration) may be limited based on various conditions such as a current charge condition of an electrical energy storage devices (e.g. batteries super or ultracapacitors) history of such conditions related to the vehicle (e.g. mileage weight size drag coefficient) a driver or operator of the vehicle (e.g. history with respect to speed acceleration mileage) and/or environmental conditions (e.g. ambient temperature terrain). A controller may control operation of one or more power converters to limit current and/or voltage supplied to a traction electric motor accordingly.

No. of Pages : 53 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2015

(21) Application No.11338/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENCODING DATA IN AN OFDM SIGNAL

(51) International classification :H04L5/00,H04L27/30
(31) Priority Document No :1354352
(32) Priority Date :15/05/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/059931
Filing Date :15/05/2014
(87) International Publication No :WO 2014/184285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHIODINI Alain

(57) Abstract :
The invention concerns a method for encoding data in an OFDM signal intended to be transmitted in a communication channel and formed from a predefined set of N mutually orthogonal frequencies the OFDM signal comprising a plurality of subcarriers transporting data modulated according to a predefined modulation scheme each subcarrier having a unique frequency chosen from the predefined set of frequencies the method being characterised in that it comprises the steps of selecting a subset of N P frequencies from the predefined set from a symbol belonging to a set of transmittable symbols each transmittable symbol being encoded by a unique subset of frequencies and of selectively generating N P subcarriers corresponding to the selected subset of N P frequencies in which the number P is chosen from the interval (Formula (I)) Pmax being the solution to the equation (+ 1) (+ 1) = log 2 in which is the digamma function and B the number of bits per modulated symbol on each subcarrier by means of the predefined modulation scheme.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2015

(21) Application No.11339/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD OF DIAGNOSING TUBERCULOSIS

(51) International classification :G01N33/543,G01N33/569
(31) Priority Document No :2013/03590
(32) Priority Date :16/05/2013
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2014/061468
Filing Date :15/05/2014
(87) International Publication No :WO 2014/184768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VERSCHOOR Jan Adrianus
2)BAUMEISTER Carl

(57) Abstract :
Mycolic acid antigen containing liposomes and an electrode immobilised antigens of tuberculous mycobacterial origin are produced. A diagnostic sample from a human suspected of having tuberculosis is diluted and divided into first and second samples. A control sample comprising the first sample and a redox probe is exposed to the liposomes. A test sample comprising the second sample and a redox probe is exposed to liposomes not containing mycolic acid antigens. The control sample is contacted with the immobilised antigens to allow antibodies therein to bind to the antigens. The test sample is contacted with the immobilised antigens to allow any antibodies therein to bind to the antigens. The degree of binding in the samples is compared by electrochemical impedance spectroscopy. Any observed lesser binding by the control sample is an indicator of antibodies to the antigens in the diagnostic sample indicating tuberculosis in the human.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2014

(21) Application No.135/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL COMPOSITIONS AND METHODS FOR TREATING PROSTATE CANCER

(51) International classification :A61K31/58
(31) Priority Document No :61/508823
(32) Priority Date :18/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047253
Filing Date :18/07/2012
(87) International Publication No :WO 2013/012959
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)MORETON Chris
4)TURNBULL Mark

(57) Abstract :
Described herein are compounds methods of making such compounds pharmaceutical compositions and medicaments comprising such compounds and methods of using such compounds to treat androgen receptor mediated diseases or conditions. In some embodiments the solid matrix comprises a polymer. In some embodiments the polymer is soluble in an aqueous solution. In particular embodiments the aqueous solution is water. In other embodiments the aqueous solution has a pH of 5.0 or greater.

No. of Pages : 95 No. of Claims : 204

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2014

(21) Application No.1614/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GREEN COFFEE BEAN EXTRACT AND METHOD THEREOF

(51) International classification :A61K36/74
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UPPAL DALIP
2)SHARMA ASHOK
3)TEWARI KIRAN

(57) Abstract :
A novel extract from green coffee beans is disclosed which contains polyphenols and bioactive compounds e.g. Chlorogenic acids in a significantly higher concentration (70-80%) than in extracts of prior art methods (40-50%). The extract has greater ability to quench oxidative stress and destroy free radicals and offers health benefits due to its anti-obesity, anti-diabetic, anti-hypertensive, anti-tumor and anti-acid properties. The higher concentration of bioactive compounds has been achieved by use of polar solvents having polarity less than that of alcohols used for extraction viz. methanol or ethanol. The use of such solvents of lower polarity such as n-Butyl alcohol, ethyl acetate or acetone results in extraction of enriched Chlorogenic acid fractions into the extract, leaving polar impurities behind in aqueous medium. The extract obtained has significantly higher content of polyphenols and Chlorogenic acids ranging from 70-80% and a distinctive HPLC profile as shown in Fig. 2.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014

(21) Application No.1486/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : KYNURENINE-3-MONOOXYGENASE INHIBITORS, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF

(51) International classification :C07D239/47
(31) Priority Document No :61/529003
(32) Priority Date :30/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052617
Filing Date :28/08/2012
(87) International Publication No :WO 2013/033068
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)DOMINGUEZ Celia
8)TOLEDO SHERMAN Leticia M.
9)MUNOZ Ignacio

(57) Abstract :
Certain chemical entities are provided herein. Also provided are pharmaceutical compositions comprising at least one chemical entity and one or more pharmaceutically acceptable vehicle. Methods of treating patients suffering from certain diseases and disorders responsive to the inhibition of KMO activity are described which comprise administering to such patients an amount of at least one chemical entity effective to reduce signs or symptoms of the disease or disorder are disclosed. These diseases include neurodegenerative disorders such as Huntington s disease. Also described are methods of treatment include administering at least one chemical entity as a single active agent or administering at least one chemical entity in combination with one or more other therapeutic agents. Also provided are methods for screening compounds capable of inhibiting KMO activity.

No. of Pages : 176 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2003

(21) Application No.1489/DEL/2003 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW ANTI-INFLAMMATORY COMPOUNDS FROM INDIGOFERA ASPALATHOIDES

(51) International classification	:A61K 35/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
The present invention describes isolation of new cyclooxygenase-1 and cyclooxygenase-2 inhibitory compound from Indigofera aspalathoides. A method of inhibiting cyclooxygenase enzymes and inflammation using indigocarpan, mucronulatol, diacetyl indigocarpan and extracts from Indigofera aspalathoides is described.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1823/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COATED SUBSTRATES FOR USE IN CATALYSIS AND CATALYTIC CONVERTERS AND METHODS OF COATING SUBSTRATES WITH WASHCOAT COMPOSITIONS

(51) International classification :B01D53/94
(31) Priority Document No :61/525661
(32) Priority Date :19/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051488
Filing Date :17/08/2012
(87) International Publication No :WO 2013/028575
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)QI Xiwang
3)BIBERGER Maximilian A.
4)SARKAR Jayashir

(57) Abstract :
inter aliaDisclosed are methods of forming coated substrates for use in catalytic converters as well as washcoat compositions and methods suitable for using in preparation of the coated substrates and the coated substrates formed thereby. The catalytic material is prepared by a plasma based method yielding catalytic material with a lower tendency to migrate on support at high temperatures and thus less prone to catalyst aging after prolonged use. Also disclosed are catalytic converters using the coated substrates which have favorable properties as compared to catalytic converters using catalysts deposited on substrates using solution chemistry. Also disclosed are exhaust treatment systems and vehicles such as diesel vehicles particularly light duty diesel vehicles using catalytic converters and exhaust treatment systems using the coated substrates.

No. of Pages : 84 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.1894/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBODIES AGAINST TL1A AND USES THEREOF

(51) International classification :C07K16/24,A61K39/395,A61P29/00
(31) Priority Document No :2011904042
(32) Priority Date :30/09/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/001161
Filing Date :28/09/2012
(87) International Publication No :WO 2013/044298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)DOYLE Anthony Gerard
7)JENNINGS Philip Anthony
8)POLLARD Matthew

(57) Abstract :
The present disclosure provides TNF like ligand 1a (TL1a) binding proteins comprising an antigen binding domain of an antibody which binds specifically to TL1a and inhibits interaction of TL1a and Death Receptor 3 (DR3) and which does not inhibit the interaction of TL1a and Decoy Receptor 3 (DcR3). The present disclosure also provides uses of the TL1a binding proteins.

No. of Pages : 339 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014

(21) Application No.1963/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVELOPMENT AND USE OF FLUORESCENT PROBES OF UNBOUND BILIRUBIN

(51) International classification	:G01N33/72,G01N33/68,G01N33/533
(31) Priority Document No	:61/527849
(32) Priority Date	:26/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/052395 :24/08/2012
(87) International Publication No	:WO 2013/032953
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)HUBER Andrew Henry
3)KAMPF James Patrick
4)KWAN Thomas
5)ZHU Baolong

(57) Abstract :
Identification and use of proteins fluorescently labeled and that undergo a change in fluorescence index upon binding bilirubin are described. Probes are disclosed which are labeled at a cysteine or lysine residue and also probes labeled at both cysteine and lysine with two different fluorophores. These probes are useful for determination of unbound bilirubin levels in a fluid sample.

No. of Pages : 86 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2008
(21) Application No.1305/DEL/2008 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SYSTEM AND METHOD OF ADDING LANDMARKS TO A MAP

(51) International classification :H01L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IBIBO WEG PVT. LTD.
(72)**Name of Inventor :**
1)JOSEF J. N. DEKKER
2)SHREOS ROYCHOWDHURY

(57) Abstract :
A method of adding landmarks to a road map is disclosed. The method includes dividing the roads of the road map into one or more road segments, receiving landmark information for addition to the road map, the landmark information including information received from a plurality of landmark sources and indicating at least one road to which the landmark may be associated, the landmark sources including any source providing landmark information in a geo-coded format, a non geo-coded format or as textual inputs, compiling the landmark information received for each road on the basis of the road to which the landmark may be associated, and linking the landmark to at least one road segment of the road to which the landmark may be associated on the road map. A system to implement the method as described is also disclosed.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2014

(21) Application No.1610/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GLUCOSIDE COMPOUND METHOD FOR PRODUCING THIOETHER ETHER METHOD FOR PRODUCING ETHER METHOD FOR PRODUCING GLUCOSIDE COMPOUND METHOD FOR PRODUCING NUCLEIC ACID

(51) International classification	:C07H19/067,B01J31/02,C07C319/14
(31) Priority Document No	:2011184196
(32) Priority Date	:25/08/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/071517 :24/08/2012
(87) International Publication No	:WO 2013/027843
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AOKI Eriko
2)SUZUKI Hiroshi
3)ITOH Akihiro

(57) Abstract :
Provided is a glucoside compound that can be produced inexpensively and is capable of imparting a phosphoramidite with which a nucleic acid can be produced at a high yield and high purity. The glucoside compound is represented by chemical formula (1). (1) In chemical formula (1) B is an atomic group having a nucleic acid base skeleton and optionally having protector groups; R and R are each a hydrogen group or a protector group or together form an atomic group represented by the chemical formula (RRA) or (RRB) (RRA) (RRB) each R is a hydrogen atom or linear or branched alkyl group and the like; L is an unsubstituted or alkyl substituted ethylene group; and R is a group represented by the following chemical formula (R) where n in chemical formula (R) is a positive integer and [D] is an electron attracting group.

No. of Pages : 133 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.1611/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRODUCTION OF FATTY ACIDS AND DERIVATIVES THEREOF HAVING IMPROVED ALIPHATIC CHAIN LENGTH AND SATURATION CHARACTERISTICS

(51) International classification :C12N9/16,C12N9/00,C12N15/10
(31) Priority Document No :61/514861
(32) Priority Date :03/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048620
Filing Date :17/08/2012
(87) International Publication No :WO 2013/019647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LS9 INC.
Address of Applicant :600 Gateway Boulevard South San Francisco California 94005 U.S.A.
(72)**Name of Inventor :**
1)GROBAN Eli S.
2)ARLAGADDA Vikranth
3)FRYKMAN Scott A.
4)GREENFIELD Derek L.
5)HU Zhihao

(57) Abstract :
The invention relates to compositions including polynucleotide sequences amino acid sequences recombinant microorganisms and recombinant microorganism cultures that produce compositions of fatty acids and derivatives having target aliphatic chain lengths and/or preferred percent saturation. Further the invention relates to methods of making and using the compositions. The compositions and methods provide for high titers high yields and high productivities of fatty acids and derivatives thereof.

No. of Pages : 165 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014

(21) Application No.2150/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR MANUFACTURING TUBE BODIES

(51) International classification :B29C53/54,B29C65/78
(31) Priority Document No :11178397.3
(32) Priority Date :23/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066361
Filing Date :22/08/2012
(87) International Publication No :WO 2013/026888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PACKSYS GLOBAL (SWITZERLAND) LTD.
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(72)**Name of Inventor :**
1)L„UBLI Julius

(57) Abstract :
The invention relates to a device for nnanufacturing circunnferentially closed tubular tube bodies, comprising conveying means for conveying the substrate)10(in a conveying direction, and also comprising tube-forming means)12(which are designed to form a web-like substrate ,)10(which has a first and a second longitudinal edge ,18(,)19into a tubular form)13(in which, in the circumferential direction, the first and the second longitudinal edge ,18( )19form or delimit a contact region »20{in particular abutting or overlapping region, which extends in the conveying direction, wherein the tube- forming means effect the shaping of the substrate)10(into the tubular form)13(in a shaping region)21(and comprise welding means)22{for welding the tubular form)13(at a weld circumferential position, first sensor means ,)27{which are upsti-eam of the shaping region]21{in the conveying direction, for detecting, the position of the substrate web ,)10(setting means)26(for setting the position of the substrate web transversely with respect to the Conveying direction, and first control means)31(which are designed to actuate the setting means ,}26(taking into consideration the measurement values from the first sensor means ,)27{such that the web-like substrate)10(is held in a setpoint position transversely with respect to the conveying direction or such that the web-like substrate)10(is adjusted in the direction of the setpoint position.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014

(21) Application No.1064/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWDER INHALING DEVICE

(51) International classification :A61M15/00
(31) Priority Document No :1157414
(32) Priority Date :19/08/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051884
Filing Date :13/08/2012
(87) International Publication No :WO 2013/026977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COLOMB Arnaud

(57) Abstract :
The invention relates to a powder inhaling device comprising a body (10) provided with a distribution opening (15) a plurality of pre dosed receptacles (21) each one containing a dose of powder to be distributed and receptacle opening means (30; 50; 18) for opening a receptacle (21) each time the device is actuated. Said device also comprises a dispersion chamber (70) having an inlet (710) connected to an open receptacle (21) during the inhalation and receiving the flow of air and powder from the open receptacle via a supply channel (60) and an outlet (720) connected to said distribution opening (15) via a distribution channel (80). Said dispersion chamber (70) comprises at least one ball (71) movable along a ball path (75) in the dispersion chamber said dispersion chamber (70) comprising at least one air inlet (72) that is approximately tangential to said ball path (75) the supply and distribution channels (60) extending in the same essentially perpendicular direction to the ball path (75) and to the at least one tangential air inlet (72).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014
(21) Application No.1470/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD OF CAST MOULDING A TRANSLATING MULTIFOCAL CONTACT LENS

(51) International classification :G02C7/04
(31) Priority Document No :2011903685
(32) Priority Date :09/09/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000948
Filing Date :10/08/2012
(87) International Publication No :WO 2013/033752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)EZEKIEL Donald Frederick

(57) Abstract :
There is provided a contact lens (60) which is produced by cast moulding. The cast moulding is achieved by the use of an anterior face mould insert (30) which has a cap (24) with a domed surface (26) and a body (10). The domed surface has provision for a distance vision segment (31) and a reading segment (32) separated by a demarcation (33). Further the cap (24) has a cutaway portion (20) for producing a lower ledge and the body (10) has a projection (18) for producing a lower truncation in the resultant lens. Means is also described for forming a posterior face of the contact lens (60).

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014

(21) Application No.1471/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR EXTRACORPOREAL TREATMENT OF BLOOD AND PROCESS OF CALCULATING SET FLOW RATES IN A MEDICAL APPARATUS FOR DELIVERY OR COLLECTION OF FLUIDS

(51) International classification :A61M1/16,A61M1/34
(31) Priority Document No :11007041.4
(32) Priority Date :30/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/001620
Filing Date :23/08/2012
(87) International Publication No :WO 2013/030642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)POUCHOULIN Dominique

(57) Abstract :
An apparatus for extracorporeal treatment of fluid and a process of setting up a medical apparatus for the delivery or collection of fluids are disclosed. According to the apparatus and the process a control unit (10) is configured calculate set values of two or more of the fluid flow rates based on a fluid flow rate set by the operator and on a prescribed dose value (D).

No. of Pages : 73 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2014

(21) Application No.160/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : YEAST BASED COMPOSITIONS AND METHODS FOR THE TREATMENT OR PREVENTION OF HEPATITIS DELTA VIRUS INFECTION

(51) International classification	:A61K39/29,A61K36/06,C07K14/02
(31) Priority Document No	:61/497039
(32) Priority Date	:14/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/042426 :14/06/2012
(87) International Publication No	:WO 2012/174220
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KING Thomas H.
2)APELIAN David

(57) Abstract :
Disclosed are immunotherapeutic compositions and methods for preventing and/or treating hepatitis delta virus (HDV) infection including yeast based HDV immunotherapeutic compositions and methods of use of such compositions to prevent and/or treat HDV infection and symptoms and sequela thereof.

No. of Pages : 113 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1744/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RNA ENGINEERED T CELLS FOR THE TREATMENT OF CANCER

(51) International classification :H01L21/00,C12P21/00,A61K35/12
(31) Priority Document No :61/535608
(32) Priority Date :16/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055760
Filing Date :17/09/2012
(87) International Publication No :WO 2013/040557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JUNE Carl H.
2)ZHAO Yangbing

(57) Abstract :
The present invention relates to compositions and methods for generating RNA Chimeric Antigen Receptor (CAR) transfected T cells. The RNA engineered T cells can be used in adoptive therapy to treat cancer.

No. of Pages : 212 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.2438/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED BENZYLINDAZOLES FOR USE AS BUB1 KINASE INHIBITORS IN THE TREATMENT OF HYPERPROLIFERATIVE DISEASES.

(51) International classification	:C07D401/14,C07D405/14,C07D413/14
(31) Priority Document No	:11184061.7
(32) Priority Date	:06/10/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/069562 :04/10/2012
(87) International Publication No	:WO 2013/050438
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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5)WENGNER Antje Margret
6)BRIEM Hans
7)EIS Knut
8)SCHULZE Volker
9)FERNANDEZ MONTALVAN Amaury Ernesto
10)PRECHTL Stefan
11)HOLTON Simon
12)FANGH„NEL Jrg
13)LIENAU Philip
14)PREUSSE Cornelia
15)GNOTH Mark Jean

(57) Abstract :
Compounds of formula (I) which are inhibitors of Bub1 kinase processes for their production and their use as pharmaceuticals.

No. of Pages : 327 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2015

(21) Application No.11278/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONFIGURATION CONTROL SYSTEM AND CONFIGURATION CONTROL METHOD

(51) International classification :G06F11/00
(31) Priority Document No :2013123473
(32) Priority Date :12/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/055394
Filing Date :04/03/2014
(87) International Publication No :WO 2014/199678
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
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(72)**Name of Inventor :**
1)IKEUCHI Katsuhisa

(57) Abstract :
In order to activate a FPGA when a soft error is generated so that the system does not shut down this configuration control system is equipped with: a first semiconductor chip that is capable of programming logical circuitry within an LSI; a semiconductor memory that stores multiple instances of circuit information for the first semiconductor chip; and a second semiconductor chip that when the circuit information stored in the semiconductor memory is used to control the configuration of the first semiconductor chip and the configuration has failed with any of multiple instances of circuit information performs a reconfiguration using another of the multiple instances of circuit information.

No. of Pages : 54 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.1165/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING DENATURED CONJUGATED DIENE POLYMER DENATURED CONJUGATED DIENE POLYMER DENATURED CONJUGATED DIENE POLYMER COMPOSITION RUBBER COMPOSITION AND TIRE

(51) International classification :C08C19/25,B60C1/00,C08F236/04
(31) Priority Document No :2011184397
(32) Priority Date :26/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071187
Filing Date :22/08/2012
(87) International Publication No :WO 2013/031599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMADA Chigusa
3)YOSHIDA Junichi
4)MATSUDA Takaaki
5)KITAGAWA Yuichi

(57) Abstract :
A method for producing a denatured conjugated diene polymer has: a polymerization step for obtaining a conjugated diene polymer that includes a nitrogen atom in the polymer chain and has an active end by using an alkali metal compound and/or an alkali earth metal compound as a polymerization initiator and copolymerizing a conjugated diene compound and a vinyl compound containing a nitrogen atom or a conjugated diene compound an aromatic vinyl compound and a vinyl compound containing a nitrogen atom; and a denaturing step for reacting a denaturing agent which is a compound represented by formula (1) at the active end of the conjugated diene polymer. (In formula (1) R R each independently represents a C1 20 alkyl group or a C6 20 aryl group; R represents a C3 10 alkylene group; R represents a C1 20 alkylene group; m is an integer that is 1 or 2; and n is an integer that is 2 or 3.)

No. of Pages : 138 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2670/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ION TRANSFER DEVICE

(51) International classification :G01N27/62,H01J49/40,H01J49/42
(31) Priority Document No :2010193382
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004890
Filing Date :31/08/2011
(87) International Publication No :WO 2012/029315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SATO Tomoyoshi

(57) Abstract :
Provided is a transfer device (30), which transfers an ionized substance in the first direction. The transfer device (30) has a drift tube (50), and the drift tube (50) includes electrode plates (71, 72) that constitute the outer structure, and a plurality of ring electrodes (60, 6l , 62) disposed in the tube. The ring electrode (60) forms first alternating-current electric fields for linear drive, said first alternating-current electric fields making the ionized substance travel in the first direction, i.e., the axis direction. The electrode plates (71, 72) form asymmetric second alternating-current electric fields that deflect the traveling direction of the ionized substance.

No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2014

(21) Application No.2671/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HONEY SPRAY COMPOSITION FOR THERAPEUTIC COSMETIC AND NUTRACEUTICAL PURPOSES

(51) International classification :A61K33/24,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Dr Bansal Parikshit

(57) Abstract :
The invention discloses a synergistic combination of honey, glycerol and normal saline for therapeutic, cosmetic and nutraceutical purposes. The ingredients are present optimally in equal proportions by volume. Unlike existing preparations, the present composition has reduced stickiness, irritability and a controlled consistency, allowing easy and effective usage in ˜spray form™. Apart from use as a spray, the composition can also be used to soak dressings and bandages for direct application on wounds and burns, where quantity of the composition required is large or infection is heavy. The composition has preferred properties, including a preferred viscosity and can be sprayed directly to a wound area, hence minimising discomfort to the patient; is easy to use; sterile and can be used as discrete, single application or multiple applications.

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2015

(21) Application No.11225/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR IMPLEMENTING A DIFFERENTIAL DRIVE AMPLIFIER AND A COIL ARRANGEMENT

(51) International classification :H03F 3/00
(31) Priority Document No :61/267,329
(32) Priority Date :07/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059334
Filing Date :07/12/2010
(87) International Publication No :WO/2011/071950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5180/DELNP/2012
Filed on :12/06/2012

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RYAN TSENG
2)GABRIEL MAYO

(57) Abstract :
An apparatus, comprising: a first coil having a planar spiral configuration with a spacing between turns of the first coil increasing from an outer edge of the first coil toward a center of the first coil; and a second coil having a planar spiral configuration with a spacing between turns of the second coil increasing from an outer edge of the second coil toward a center of the second coil, wherein the first coil and the second coil are configured to transfer wireless power via a magnetic field to one or more receive coils.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2015

(21) Application No.11226/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE

(51) International classification :C08B11/12,C08B15/00
(31) Priority Document No :61/830659
(32) Priority Date :04/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039640
Filing Date :28/05/2014
(87) International Publication No :WO 2014/197242
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JUHL Hans Juergen
3)ADDEN Roland

(57) Abstract :
Prepare lithium carboxymethyl cellulose by treating sodium carboxymethyl cellulose with a weak acid to form an acid from of carboxymethyl cellulose and then treating the acid form of the carboxymethyl cellulose with lithium chloride.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2015

(21) Application No.11227/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROTECTING PHENOL GROUPS

(51) International classification :C07B51/00,C07D309/30
(31) Priority Document No :61/831503
(32) Priority Date :05/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/037634
Filing Date :12/05/2014
(87) International Publication No :WO 2014/197169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARLAN C. Jeff
2)BROWN Steve D.

(57) Abstract :
A method for protecting a phenol group on a precursor compound is provided. The method includes reacting the phenol group with dihydropyran in an acid catalyzed protection reaction and quenching the protection reaction with a strong base within less than about 60 seconds to form a protected precursor compound.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2015

(21) Application No.11228/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL CONNECTOR WITH ADHESIVE MATERIAL

(51) International classification :G02B6/38
(31) Priority Document No :13/908227
(32) Priority Date :03/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039941
Filing Date :29/05/2014
(87) International Publication No :WO 2014/197272
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DANLEY Jeffrey Dean
2)ELKINS Robert Bruce II
3)MILLER Darrin Max
4)MORRISON Dennis Craig

(57) Abstract :
An optical fiber connector preloaded with an adhesive (34) is provided. The optical connector includes a body (20) having a passage with a first section (28) extending inwardly from a first face (22) of the body a second section (30) extending inwardly from a second face (24) from the body and a transition section (32) located between the first section (28) and the second section (30). The first section of the passage has a first width and the second section of the passage has a second width that is less than the first width. A meltable adhesive composition (34) is located within the transition section of the passage and is configured to bind an optical fiber (54) to an inner surface of the second section following melting and solidification of the adhesive composition.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.2684/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WRISTBAND CONTINUOUS BODY OF WRISTBANDS AND METHOD FOR WINDING WRISTBAND

(51) International classification :G09F3/06,A61G12/00
(31) Priority Document No :2010236490
(32) Priority Date :21/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005867
Filing Date :20/10/2011
(87) International Publication No :WO 2012/053207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
To provide a wristband a continuous body of wristbands and a method for winding a wristband configured so that the wristband can be reliably wound on a portion on which the wristband is to be wound such as a wrist or an ankle and so that the wristband can be wound in an appropriate and accurate ring shape. [Solution] The present wristband is configured in such a manner that differently from a conventional wristband which is used by adhering the rear and front surfaces of the opposite ends of the band base material (2) to each other the present wristband is used by adhering rear surface portions of the band base material to each other first. The present wristband is characterized in that when winding the wristband on a portion on which the wristband is to be wound the rear surface of a first winding region (6) the rear surface having an exposed adhesive layer (3) (first adhesion region (22)) and the rear surface of a second winding region (7) are superposed on and adhered to each other in such a manner that a first adhesion position guide (18 19A) and a second adhesion position guide (19) are aligned with each other while a portion (second adhesion region (23)) of the adhesive layer (3) is left so that the portion can be exposed thereby the wristband can be formed in a ring shape and wound on the portion on which the wristband is to be wound and the present wristband is also characterized in that the first winding region (6) which has the adhesive layer (3) having the portion (second adhesion region (23)) left so that the portion can be exposed can be adhered to the front surface of the second winding region (7).

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2015
(21) Application No.10576/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR RAPID DISCHARGING OF THICK PLATES FROM A ROLLING MILL

(51) International classification :B21B39/00
(31) Priority Document No :A50339/2013
(32) Priority Date :21/05/2013
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2014/056560
Filing Date :02/04/2014
(87) International Publication No :WO 2014/187602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PEITL Wolfgang
3)YANG Bo
4)ZAHEDI Michael

(57) Abstract :
The invention relates to a method and a device for rapid discharging of metallic plates (21 22) which are thick plates from a rolling mill. The problem addressed by the invention is the enabling of secure discharge of relatively short plates (21 22) from the rolling mill at high velocity and low cycle times. Said problem is solved by the following method steps: Transporting a first plate (21) on a roller bed (9 13) in the transport direction (T) wherein preferably the first plate (21) is accelerated in the transport direction (T); depositing the first plate (21) on the roller bed (9 13); transporting a second plate (22) on the roller bed (9 13) in the transport direction (T); depositing the second plate (22) in the transport direction before the first plate (21) on the roller bed (9 13); and discharging the first and the second plate (21 22) from the roller bed (9 13) into a repository (24) wherein the discharging occurs crosswise to the transport direction (T).

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1277/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED ANNELLATED PYRIMIDINE AND THE USE THEREOF

(51) International classification :C07D471/04,C07D487/04,C07D519/00
(31) Priority Document No :10 2011 082 041.8
(32) Priority Date :02/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/066876
Filing Date :30/08/2012
(87) International Publication No :WO 2013/030288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LANG Dieter
6)WUNDER Frank
7)HBSCH Walter
8)LINDNER Niels
9)VAKALOPOULOS Alexandros
10)TERSTEEGEN Adrian

(57) Abstract :
The present application relates to novel substituted annellated pyrimidines, methods for production thereof, use thereof alone or in combinations for treating and/or preventing diseases and use thereof 5 for the production of medicinal products for treating and/or preventing diseases, in particular for treating and/or preventing cardiovascular diseases.

No. of Pages : 301 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2014

(21) Application No.141/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BICYCLIC PYRIMIDONE COMPOUNDS

(51) International classification :C07D487/04,A61K31/519,A61P25/28
(31) Priority Document No :PCT/CN2011/077702
(32) Priority Date :27/07/2011
(33) Name of priority country :China
(86) International Application No :PCT/EP2012/064598
Filing Date :25/07/2012
(87) International Publication No :WO 2013/014185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ZHANG Xiaomin
4)YU Haihua

(57) Abstract :
The present invention relates to novel bicyclic pyrimidone compounds that inhibit Lp PLA activity processes for their preparation to compositions containing them and to their use in the treatment of diseases associated with the activity of Lp PLA for example atherosclerosis Alzheimer s disease.

No. of Pages : 128 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1551/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBACTERIAL COMPOUNDS AND METHODS FOR USE

(51) International classification :A01N43/40,A61K31/44
(31) Priority Document No :61/528576
(32) Priority Date :29/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052898
Filing Date :29/08/2012
(87) International Publication No :WO 2013/033240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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18)YANG Tianle
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(57) Abstract :
The present description relates to compounds and forms and pharmaceutical compositions thereof and methods for use thereof to treat or ameliorate bacterial infections caused by wild type and multi drug resistant Gram negative and Gram positive pathogens.

No. of Pages : 231 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2681/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILTER SYSTEM WITH FUEL WATER SEPARATOR

(51) International classification :F02M37/22,B01D36/00
(31) Priority Document No :61/389045
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054127
Filing Date :30/09/2011
(87) International Publication No :WO 2012/044884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)EISENMENGER Richard J.

(57) Abstract :
A canister filter system (1) includes a base (10) a canister (20) attachable to the base (10) and a fluid separator filter having filter media (31) positioned inside the canister (20). A drain (60) engages and forms a seal with the filter in a closed position. In an open position the drain (60) allows fluid to be removed from the canister. The structure of the filter is such that the filter may more efficiently separate fluids.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.2683/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CUTTING INSERT AND CUTTING TOOL

(51) International classification :B23C5/20,B23C5/06,B23C5/10
(31) Priority Document No :2010214801
(32) Priority Date :27/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072111
Filing Date :27/09/2011
(87) International Publication No :WO 2012/043579
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAGUCHI Takashi

(57) Abstract :
One aspect of the present invention provides a cutting insert (10) having a plurality of cutting portions (18) which are formed at the intersections between each edge (12, 14) and a peripheral face (16). Each cutting portion includes a first cutting edge (18a) and a second cutting edge (18b). In an end view, each edge is provided alternately with a first corner (20) and a second corner (22) which have different interior angles. The interior angle (α) of the first corner (20) is less than the interior angle (β) of the second corner (22, 122, 222). Each first cutting edge (18a) has a portion which extends so as to approach a center plane (M) with increasing distance from the corresponding first corner (20). A first side portion (30a) extending from each first cutting edge to the peripheral face forms an insert interior obtuse angle with respect to a plane parallel to the center plane (M) passing through the first cutting edge, while a second side portion (30b) extending from each second cutting edge to the peripheral face forms an insert interior acute angle with respect to a plane parallel to the center plane (M) passing through the second cutting edge.

No. of Pages : 60 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2013

(21) Application No.11153/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERMO MECHANICAL PROCESSING OF NICKEL BASE ALLOYS

(51) International classification :C22C19/05,C22F1/10
(31) Priority Document No :13/150494
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036707
Filing Date :07/05/2012
(87) International Publication No :WO 2012/166295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROCK Christopher A.

(57) Abstract :
A thermo mechanical treatment process is disclosed. A nickel base alloy workpiece is heated in a first heating step to a temperature greater than the M23C6 carbide solvus temperature of the nickel base alloy. The nickel base alloy workpiece is worked in a first working step to a reduction in area of 20% to 70%. The nickel base alloy workpiece is at a temperature greater than the M23C6 carbide solvus temperature when the first working step begins. The nickel base alloy workpiece is heated in a second working step to a temperature greater than 1700 F (926 C) and less than the M23C6 carbide solvus temperature of the nickel base alloy. The nickel base alloy workpiece is not permitted to cool to ambient temperature between completion of the first working step and the beginning of the second heating step. The nickel base alloy workpiece is worked to a second reduction in area of 20% to 70%. The nickel base alloy workpiece is at a temperature greater than 1700 F (926 C) and less than the M23C6 carbide solvus temperature of the nickel base alloy when the second working step begins.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2013

(21) Application No.11155/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VOLTAGE GATED SODIUM CHANNEL BLOCKERS

(51) International classification :A61K31/497
(31) Priority Document No :61/505075
(32) Priority Date :06/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045350
Filing Date :03/07/2012
(87) International Publication No :WO 2013/006596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
In general the present invention relates to uses of voltage gated sodium channel blocker compounds which include corresponding precursors intermediates monomers and dimers corresponding pharmaceutical compositions compound preparation and treatment methods for respiratory and respiratory tract diseases. In particular the present invention also relates to methods and uses for treatment of respiratory or respiratory tract diseases which comprises administering to a subject in need thereof an effective amount of a compound of the present invention.

No. of Pages : 397 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2015

(21) Application No.11890/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRPV1 ANTAGONISTS AND USES THEREOF

(51) International classification :C12N 15/00
(31) Priority Document No :60/926,661
(32) Priority Date :27/04/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2008/001069
Filing Date :25/04/2008
(87) International Publication No :WO/2008/132600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6544/DELNP/2009
Filed on :25/04/2008

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2)KUROSE Noriyuki

(57) Abstract :
The invention relates to compounds of formula (I) and pharmaceutically acceptable derivatives thereof, compositions comprising an effective amount of a compound of formula I or a pharmaceutically acceptable derivative thereof, and methods for treating or preventing a condition such as pain, Ul, an ulcer, IBD and IBS, comprising administering to an animal in need thereof an effective amount of a compound of formula I or a pharmaceutically acceptable derivative thereof.

No. of Pages : 390 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2710/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COLLAPSIBLE FASTENER CARTRIDGE

(51) International classification :A61B17/072,A61B17/064,A61B17/115
(31) Priority Document No :12/894306
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053989
Filing Date :29/09/2011
(87) International Publication No :WO 2012/044820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A fastener cartridge can comprise a crushable cartridge body and fasteners embedded within the crushable cartridge body which can be utilized to fasten tissue. In use the fastener cartridge can be positioned in a first jaw of a surgical fastening device wherein the first jaw can be positioned opposite a second jaw or anvil. The anvil can be engaged with the fastener cartridge to crush the cartridge body and deform or otherwise deploy the fasteners contained therein. As the fasteners are deformed or deployed the fasteners can capture at least a portion of the cartridge body therein along with at least a portion of the tissue being fastened. A fastener cartridge can comprise a compressible cartridge body having a thickness which can be reduced by the compressive pressure applied by the anvil. In certain embodiments a fastener cartridge can comprise a cartridge body which can collapse from the compressive pressure.

No. of Pages : 318 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2014

(21) Application No.1444/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED HYDROPONICS SYSTEM AND METHOD OF USE

(51) International classification	:A01G31/04, A01G31/02, A01G31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
Invention pertains to a hydroponics system which give higher yield than conventional systems, is economical, easy to maintain and rugged. System comprises a plastic sheet greenhouse housing hollow plastic pipes, with holes on the dorsal side to accommodate seedlings. Flow of nutrient solution through the pipes is controlled by means of a small pump and programmable control device, to ensure that the roots of the plant contact nutrients for optimal time. Nutrient solution has unique concentrations of salts, which is varied at different stages of plant growth as per Table 1. Flowing reduces volume of solution required and enables large number of plants to be grown using minimal quantity of solution. Additionally, requirement of nutrients is minimized by introduction of geo-thermal system which controls the temperature of greenhouse in economical manner, reduces evaporation and also nutrient uptake. The system has means to prevent cross-contamination of plants with disease or infection by ensuring separate flow of nutrient solutions, through different sections, without intermixing.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2008

(21) Application No.24/DEL/2008 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 'ACCESSING A NETWORK

(51) International classification :H04L29/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NARAYNAN SUBRAMANIAM.

(57) Abstract :
An information handling system (IHS) includes a hypervisor and a plurality of virtual machines (VMs). The hypervisor includes hypervisor network information. Each of the VMs includes a virtual processor and a virtual memory that is coupled to the virtual processor. The virtual memory includes VM network information and computer readable instructions to synchronize the VM network information with the hypervisor network information.

No. of Pages : 14 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.2537/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PORTABLE AND SMART INTENSIVE CARE UNIT

(51) International classification :H04L29/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MR. SHARMA NAVEEN
3)MR KAUSHAL RAJESH
4)DR. PRADHAN PREETHI

(57) Abstract :
The present invention discloses a portable and smart intensive care unit comprises Remote Access Diagnostic Unit which enables vital/physical parameters of patients to be transmitted wirelessly to a hardware device e.g. smart-phone, enabling the same to be accessed from a remote location using specially designed Java and/or C++ and/or Microsoft Foundation Classes multi-threaded coding application software and transmitting physical condition of patient in video form by using Java and/or C-Sharp in REAL-TIME mode through the Bigdata (Spark and/or Storm) and/or cloud base station using Virtual Private Network AND Remote Access Medicine Dispensing Unit which dispenses specific medicines in specific dosage by doctor to patient using Micro-controller and using Arduino and/or python programming for each actuator. Base Station Server (5 of Fig 1) with Bigdata and/or Cloud with communication format using Java Script Object Notation for networking. Android/other PC Applications are used at doctor™s end.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2015

(21) Application No.2768/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PAECILOMYCES VARIOTII VAR. BRUNNEOLUS GPP1101B AND PREPARATION USING SAME

(51) International classification :C12N1/14,A61K35/66
(31) Priority Document No :1020120098759
(32) Priority Date :06/09/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/007897
Filing Date :02/09/2013
(87) International Publication No :WO 2014/038822
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Paecilomyces variotiiThe present invention relates to var. brunneolus GPP1101B (microorganism deposit number KCTC119938BP) isolated during a ginseng fermentation process and a preparation using the same. According to the present invention remarkable anticancer immune regulation mutation inhibition and antibacterial effects are obtained by injecting the strain or the preparation into a ginseng extract or into a red ginseng extract.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2013

(21) Application No.3192/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR ELECTROMAGNETICALLY TESTING AN OBJECT

(51) International classification :G01R29/10
(31) Priority Document No :1058193
(32) Priority Date :08/10/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/067598
Filing Date :07/10/2011
(87) International Publication No :WO 2012/045879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAPORTE Rapha«l

(57) Abstract :
The invention relates to a method for electromagnetically testing an object a method in which electromagnetic radiation is directed by a probe (102) in a predetermined main aiming direction (D) toward a predetermined test point (40) at which the object (OT) is located. The invention is characterized in that the probe (2) and a stand (104) for the object (OT) are moved relative to one another by a mechanical moving device (60) according to a movement representative of a predetermined angular spread statistic relative to the main aiming direction (D) in order to generate by means of the probe (102) electromagnetic radiation having said predetermined angular spread statistic relative to the main aiming direction (D).

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013
(21) Application No.3376/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FULVESTRANT COMPOSITIONS AND METHODS OF USE

(51) International classification :A61K31/565,A61K47/40
(31) Priority Document No :61/383660
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/054058
Filing Date :16/09/2011
(87) International Publication No :WO 2012/035516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SWART Henk

(57) Abstract :
Provided are inclusion complexes comprising fulvestrant and a cyclodextrin. The complexes may be useful for treating various conditions such as cancer and systemic lupus erythematosus. Also provided are methods of producing the inclusion complexes methods of using the inclusion complexes in therapy and kits and unit dosages comprising the complexes.

No. of Pages : 112 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3377/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPIDER SILK FUSION PROTEIN STRUCTURES FOR BINDING TO AN ORGANIC TARGET

(51) International classification	:C07K16/06,B01D15/38,A61K47/48
(31) Priority Document No	:10189059.8
(32) Priority Date	:27/10/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/068626 :25/10/2011
(87) International Publication No	:WO 2012/055854
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)HEDHAMMAR My
2)JOHANSSON Jan
3)RISING Anna
4)NYGREN Per …ke

(57) Abstract :
A protein structure capable of selective interaction with an organic target is provided. The protein structure is a polymer comprising as a repeating structural unit a recombinant fusion protein that is capable of selective interaction with the organic target. The fusion protein is comprising the moieties B, REP and CT, and optionally NT. B is a non-spidroin moiety of more than 30 amino acid residues, which provides the capacity of selective interaction with the organic target. REP is a moiety of from 70 to 300 amino acid residues and is derived from the repetitive fragment of a spider silk protein. CT is a moiety of from 70 to 120 amino acid residues and is derived from the C-terminal fragment of a spider silk protein. NT is an optional moiety of from 100 to 160 amino acid residues and is derived from the N-terminal fragment of a spider silk protein. The fusion protein and protein structure thereof is useful as an affinity medium and a cell scaffold material.

No. of Pages : 152 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3378/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATIC REPLICATION AND MIGRATION OF LIVE VIRTUAL MACHINES

(51) International classification :G06F9/44,G06F9/06
(31) Priority Document No :61/389748
(32) Priority Date :05/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054975
Filing Date :05/10/2011
(87) International Publication No :WO 2012/048037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BROCK Scott L.
2)BOSE Sumit Kumar
3)SKEOCH Ronald Leaton

(57) Abstract :
Systems and methods are disclosed herein to automatically replicate and migrate live virtual machine image (VM) files from a primary VM computing device to secondary VM computing devices. The operating parameters (e.g. cost of operation power consumption etc.) of a number of secondary VM computing devices are analyzed. Replicas of the primary VM image is stored in the secondary VM devices with operating parameters that meet limiting parameters defined in an SLA. The primary VM image is indexed by its constituent data blocks in an active index which is compared against a stale index of data blocks. A comparison of the indices will indicate when new data is added to the VM image. The new data is used to update the replicas. Migration is performed by copying the primary VM image or awakening a hibernated secondary VM image replica and hibernating the current primary VM image.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.2685/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR REMOVING A COATING FROM WORKPIECES

(51) International classification :C25F1/00,C25F5/00
(31) Priority Document No :10 2010 046 372.8
(32) Priority Date :24/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004739
Filing Date :22/09/2011
(87) International Publication No :WO 2012/038083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Hauptstrasse CH 9477 Tr¼bbach Switzerland
(72)**Name of Inventor :**
1)KOSTNER Mirco Elias
2)RAUCH Udo

(57) Abstract :
The present invention relates to a process for electrochemically removing a coating from coated workpieces by means of a voltage applied in an electrolyte bath between the workpiece and a counterelectrode. According to the invention, a rising voltage profile is selected during the coating removal process. This has the effect that the voltage applied at the start is low, and therefore the workpieces are not damaged, but nevertheless the rise in the voltage prevents the coating removal process taking an uneconomically long time.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2686/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND TERMINAL FOR MAPPING ACKNOWLEDGE/ NON ACKNOWLEDGE RESPONSE MESSAGE

(51) International classification :H04L1/18
(31) Priority Document No :201010503361.X
(32) Priority Date :28/09/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/076711
Filing Date :30/06/2011
(87) International Publication No :WO 2012/041101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIANG Chunli
2)DAI Bo
3)YANG Weiwei
4)ZHU Peng

(57) Abstract :
The present invention discloses a method and terminal for mapping acknowledge/non-acknowledge (ACK/NACK) response message, and the method includes: the terminal determines, according to the preset conditions, the bit amount L of the ACK/NACK response message needed to be fed back, wherein the preset conditions include at least one of the follows: the downlink component carrier amount or the cell amount configured to the terminal by the base station, and the transmission mode of each downlink component carrier; the terminal maps the ACK/NACK response message to L bits. With the present invention, the ACK/NACK response message can be processed correctly.

No. of Pages : 68 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2015

(21) Application No.2760/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOUNDS AND METHODS FOR PREVENTING , TREATING AND/OR PROTECTING AGAINST SENSORY HAIR CELL DEATH

(51) International classification :C07D495/04,A61K31/407
(31) Priority Document No :61/707767
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062440
Filing Date :27/09/2013
(87) International Publication No :WO 2014/052914
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIMON, Julian;
3)CHEN, Xinchao;
4)CHOWDHURY,Sarwat;
5)HERR, R., Jason;
6)JIANG, Qin;
7)OWENS, Kelly,N.;
8)RAIBLE, David;
9)JOHNSON, Graham;

(57) Abstract :
Disclosed herein are compounds and pharmaceutical compositions that include such compounds for preventing treating and/or protecting against sensory hair cell death. Methods of using the compounds alone or in combination with other therapeutic agents are also disclosed.

No. of Pages : 190 No. of Claims : 110

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3386/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR DEPLOYING VIRTUAL COMPUTERS

(51) International classification :G06F9/50,G06F9/46
(31) Priority Document No :2010234778
(32) Priority Date :19/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073332
Filing Date :11/10/2011
(87) International Publication No :WO 2012/053393
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KAYASHIMA Makoto

(57) Abstract :
To deploy virtual computers (VMs) so that excesses or deficiencies of hardware resources of physical computers are caused to not occur as much as possible. [Solution] A VM deployment device for deploying a plurality of VMs in a plurality of physical computers is constructed. The VM deployment device stores VM load information which is information representing for each VM the resource load value of the VM in each of a plurality of temporal periods. The VM deployment device on the basis of the VM load information selects 2 or more VMs so that the difference between the resource load values for each temporal period is maximized and deploys the selected 2 or more VMs in the same physical computer.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3387/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FIRE RETARDANT FELT AND PROCESS FOR PREPARING THE SAME

(51) International classification :B05D7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SURANA, PRAFUL

(57) Abstract :
The present invention provides an improved fire and flame retardant felts made from viscose rayon and other fibrous blends with needle punch. Felts are able to satisfy a wider range of performance criteria compared to conventional fire retardant fabrics and other fibrous blends.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3387/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROTOR BLADE WITH HEATING DEVICE FOR A WIND TURBINE

(51) International classification :F03D11/00
(31) Priority Document No :10 2010 043 434.5
(32) Priority Date :04/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/069120
Filing Date :31/10/2011
(87) International Publication No :WO 2012/059466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LENSCHOW Gerhard

(57) Abstract :
The invention relates to a wind turbine rotor blade comprising at least one electrically operable heating mat (400) which is fixed in the interior (200) of the rotor blade (100).

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2013

(21) Application No.10470/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS COMPRISING A LIPOLYTIC ENZYME VARIANT

(51) International classification :C12N9/18
(31) Priority Document No :61/529811
(32) Priority Date :31/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053023
Filing Date :30/08/2012
(87) International Publication No :WO 2013/033318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JENSEN Lene Bojsen
3)KRAGH Karsten M.
4)MEJLDAL Rie
5)PRICELIUS Sina

(57) Abstract :
The present invention provides lipolytic enzyme variants. Specifically the present invention provides lipolytic enzyme variants having one or more modifications as compared to a parent lipolytic enzyme having at least one improved property. In addition the present invention provides compositions comprising a lipolytic enzyme variant of the invention. The present invention also provides methods of cleaning using compositions comprising a lipolytic enzyme variant of the invention.

No. of Pages : 182 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2013

(21) Application No.10687/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SURGICAL ALIGNMENT USING REFERENCES

(51) International classification :A61B17/88,A61B17/90,A61F2/46
(31) Priority Document No :61/497604
(32) Priority Date :16/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041613
Filing Date :08/06/2012
(87) International Publication No :WO 2012/173890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BETTENGA Mason

(57) Abstract :
Methods systems and apparatus including computer readable storage media for surgical alignment using references. In one general aspect a method includes coupling a guide to a joint the guide defining an axis and having an outer contour formed to substantially conform to a portion of the joint. The first reference is attached at a fixed position relative to the joint. A positioning system is used to determine a position of the axis relative to the first reference where the position of the axis is determined based upon the position of the guide while the guide is coupled to the joint. The guide is removed from the joint and after the guide is removed from the joint an instrument is positioned relative to the axis based on a position of a second reference relative to the first reference.

No. of Pages : 147 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2013

(21) Application No.10688/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VARIABLE ANGLE LOCKING IMPLANT

(51) International classification :A61F2/30,A61F2/28,A61B17/68
(31) Priority Document No :61/497180
(32) Priority Date :15/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/042678
Filing Date :15/06/2012
(87) International Publication No :WO 2012/174385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BAKER Charles R.
2)STEVENSON Ryan
3)GERLACH Darin S.

(57) Abstract :
A variable angle locking implant includes a bone plate having a lower surface an upper surface and at least one opening extending from the lower surface to the upper surface along an axis. The opening has a plurality of fins oriented along a plane. The axis is non perpendicular to a tangent of a projection of the lower surface across the opening the tangent defined at the intersection between the axis and the projected lower surface and/or the plane is non parallel to the tangent. The implant includes at least one fastener and the plurality of fins are deflectable relative to a head portion of the fastener such that the fastener can be inserted and retained at any one of a plurality of angles.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3402/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BASE ISOLATION DEVICE FOR EARTHQUAKE RESISTANT STRUCTURES

(51) International classification :E04H9/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Vasant Annasaheb Matsagar
2)Naseef Ummer
3)Aruna Rawat

(57) Abstract :
The present invention provides a base isolation device for structures such as multi-storied buildings, bridges and other civil structures for protecting from the destruction caused by earthquakes. The base isolation device comprises of an oblate spheroid ball which has a radius larger in principal major axis as compared to its principal minor axis. Due to the oblate shape of the spheroid, the isolation device has a self-restoring property. The oblate spheroid is placed or sandwiched between a top and a bottom plate. The top plate is fastened to the superstructure and bottom plate to the foundation (or support). The lower part of foundation is fixed, while the superstructure is isolated by means of the oblate spheroid isolation system. Cables with high strength and ductility are attached at plurality of locations (which can be varied as per tensile forces in each individual cable) between top and bottom plates around the oblate spheroid. It is connected at links which are present in the plates. The cables at top and bottom links are connected by clip or hook connections. The length of each cable is less than the major diameter and more than the minor diameter of the oblate spheroid.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2014

(21) Application No.117/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD TO IMPROVE FORWARD OSMOSIS MEMBRANE PERFORMANCE

(51) International classification :C08G73/00
(31) Priority Document No :61/511877
(32) Priority Date :26/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048398
Filing Date :26/07/2012
(87) International Publication No :WO 2013/016574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BHARWADA Upen J.
3)GULLINKALA Tilak

(57) Abstract :
Thin film composite (TFC) membranes are used in forward osmosis (FO) and pressure reduced osmosis (PRO) processes. The membrane is comprised of two layers: a composite layer combining a backing layer and a porous polymer based support into a single layer and a rejection layer disposed on top of the composite layer. The membrane of the invention exhibits high water flux values for FO processes is durable may be readily manufactured using typical membrane manufacturing processes such as spiral winding and plate and frame processes and has sufficient mechanical stability to handle the final membrane product.

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2014

(21) Application No.251/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF A POLYAMIDE CHAIN EXTENDING COMPOUND AS A STABILIZING AGENT

(51) International classification :C08L77/00,C08G69/48,C08K5/00
(31) Priority Document No :1156263
(32) Priority Date :11/07/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/063279
Filing Date :06/07/2012
(87) International Publication No :WO 2013/007644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BRADLEY Gerard

(57) Abstract :
The invention relates to the use of a polyamide chain extending compound as a stabilizing agent against heat light and/or the atmospheric effects of the polyamide. Polyamide compositions can include at least one of said polyamide chain extending compounds and optionally reinforcement fillers and impact modifiers.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014
(21) Application No.2884/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNTHETIC OLIGOSACCHARIDE PROTEIN CONJUGATES AND AN IMPROVED PROCESS OF CONJUGATION TO OBTAIN THEREOF

(51) International classification	:C12P19/04, A61K39/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GILL, Davinder
2)CHHIKARA, Manoj Kumar
3)RANA, Rakesh
4)DALAL, Juned
5)SINGH, Deepti

(57) Abstract :
The present invention relates to an improved process of conjugation to obtain synthetic oligosaccharide protein (OS-PR) conjugates. The process of synthetic OS-PR conjugation is a rapid process providing oligosaccharide protein conjugates which are highly immunogenic and elicit specific and homogenous immune responses. The synthetic oligosaccharide comprising of four to eight repeating units of respective monomers and at least one in-built terminal amino linker, said synthetic polysaccharide mimics natural polysaccharide obtained from gram negative bacteria such as Neisseria meningitidis serogroups A, C, Y, W, X and Haemophilus influenzae and carrier protein is obtained from gram positive bacteria such as Clostridium tetani (tetanus toxoid) or Corynebacterium diphtheriae (CRM197) or their recombinant versions. The conjugation chemistry of the said oligosaccharide-protein conjugate of the present invention is thio-ether linkage. The present invention takes complete process time in the range of 14-22 hours. The said oligosaccharide-protein conjugates are useful in production of monovalent vaccine or multivalent combination vaccines and as diagnostic tool.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2014

(21) Application No.342/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CODING IN A WIDE AREA POSITIONING SYSTEM (WAPS)

(51) International classification :G01S19/46,G06F19/00
(31) Priority Document No :61/502276
(32) Priority Date :28/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044719
Filing Date :28/06/2012
(87) International Publication No :WO 2013/003636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Embodiments describe determining position by selecting a set of digital pseudorandom sequences. The magnitudes of the cross correlation between any two sequences of the chosen set are below a specified threshold. A subset of digital pseudorandom sequences are selected from the set such that the magnitudes of the autocorrelation function of each member of the subset within a specified region adjacent to the peak of the autocorrelation function are equal to or less than a prescribed value. Each transmitter transmits a positioning signal and at least a portion of the positioning signal is modulated with at least one member of the subset. At least two transmitters of the plurality of transmitters modulate respective positioning signals with different members of the subset of digital pseudorandom sequences.

No. of Pages : 177 No. of Claims : 102

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2347/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORGANIC COMPOSITIONS TO TREAT HSF1 RELATED DISEASES

(51) International classification :C12N15/113,A61P35/00,A61P31/12
(31) Priority Document No :61/530532
(32) Priority Date :02/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/054455
Filing Date :30/08/2012
(87) International Publication No :WO 2013/030778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)STUMP Mark
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7)WEILER Jan
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(57) Abstract :
The present disclosure relates to methods of treating heat shock factor 1 (HSF1) related diseases such as cancer autoimmune and viral diseases using a therapeutically effective amount of a RNAi agent to HSF.

No. of Pages : 254 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2486/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWER SWITCHING EQUIPMENT FOR BOILERS USED WITHIN REGULATED WATER HEATING USING DIRECT CURRENT FORM PHOTOVOLTAIC PANELS

(51) International classification :F24H9/20
(31) Priority Document No :PUV 262012
(32) Priority Date :08/02/2012
(33) Name of priority country :Slovakia
(86) International Application No :PCT/IB2012/002633
Filing Date :05/12/2012
(87) International Publication No :WO 2013/117956
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAKO Daniel

(57) Abstract :
Power switching equipment for boilers used within regulated water heating using direct current from photovoltaic panels consists of two contactors (ST1, ST2), a thermal fuse (TP), thermostat (T), heating elements (R), two signal devices (S1, S2) and wiring terminals (X1, X2, X3, X4, X5, X6, X7). The equipment uses both direct (DC) as well as alternating (AC) current. The positive pole of the direct current power source (DC) is directed to the main terminals of both contactors (ST1, ST2). Contactor coils are used to switch the direct current (DC) between contactors (ST1, ST2); these coils are powered by alternating current (AC) which passes through the thermostat (T) and the thermal fuse (TP) before reaching the coils.

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3415/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 'L' TYPE LEVEL SWITCH PROBE FOR LCA.

(51) International classification :G01N33/58
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AJAY KUMAR VERMA
3)RAHUL GUPTA

(57) Abstract :
This unit is developed on Capacitance Sensing Technique to provide warning at higher fuel level/ too low fuel level in the fuel tank of LCA Aircraft. This consists of two concentric precision aluminum alloy tubes insulated from each other to form capacitance plates. When the plates are not immersed in fuel, only air is left in between the two tubes. The dielectric constant of air being lowest, the probe exhibits low capacitance. When the probe is wholly or partially immersed in aviation fuel, air is accordingly replaced by fuel. This increases probe capacitance accordingly to its length immersed in fuel. The sensing capacitance is converted precision oscillator tuned with the capacitance value with fuel level at the midway of the tube length. The arrangement is such that the oscillator does not oscillate, when fuel is above set mid level and oscillates when fuel falls below this level. This unit is used to overcome the deficiency of triggering level warning at Higher/lower fuel contents in F1/F2 tanks as per attitude/flight condition of the LCA Aircraft.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3416/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DC MASTER BOX FOR INTERMEDIATE JET TRAINER.

(51) International classification :B64D43/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAWAN KUMAR
2)M. N. DWIVEDY

(57) Abstract :
DC Master Box transfer power to start Starter Generator through Ground Power Unit (GPU) externally or through Battery internally. After the start of engine.unit transfers power to Main Bus & Battery-1 & Battery-2 Bus from Starter Generator. During flying if any emergency occur power on Battery-1 / Battery-2 Bus is available through one standby Generator or Battery-1 or Battery-2.

No. of Pages : 5 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3417/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : '3' TUBE FCG PROBE FOR LCA

(51) International classification :C12N15/09
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)G. K. JHA
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3)RAHUL GUPTA

(57) Abstract :
Seven types of fuel sensor probes .are mounted within five fuselage tanks named as Front Main Tank, Rear Main Tank, Middle Main Tank, Supply Tank-1 and Supply Tank- 2. Supply Tank probes are with built-in independent low \evel switches along with the fuel content gauging. All these probes are installed from bottom of the tank. Two Probes are mounted in Middle Main Tank. It consists of three concentric precision Aluminum Alloy Tubes insulated from each other. Inner and Middle Tubes form capacitance plates. When the plates are not immersed in fuel, only air is left in between these two tubes. The dielectric constant of air being lowest, the probe exhibits low capacitance however when the probe is wholly or partially immersed in aviation fuel, air is accordingly replaced by fuel. This increases probe capacitance according to its length immersed in fuel. The level sensing is achieved by two silver plated concentric copper tubes. These tubes are situated inside the inner most tube to form sensing capacitance. The Outer tube provides shielding against EMI/EMC.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012
(21) Application No.2108/DEL/2012 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW ADDITIVE FOR SUGAR MADE FROM SUGARCANE, PREPARATION METHOD AND APPLICATION METHOD IN SUGAR PRODUCTION THEREOF

(51) International classification :A23L1/00
(31) Priority Document No :201110248232.5
(32) Priority Date :24/08/2011
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ZHANG YU
4)LIN KAI
5)WU QUANBIN
6)SHI KEXIN

(57) Abstract :
The present invention discloses a new additive for sugar made from sugarcane, preparation method and application method in sugar production thereof. The prepared new additive comprises raw materials with the following parts by weight: concentrated phosphoric acid 100, chitosan 0.5-50. The preparation method comprises adding chitosan of 0.5-50 parts by weight into concentrated phosphoric acid of 100 parts by weight, reacting for 30-120 minutes at 8-300D, and then obtaining the new additive for sugar made from sugarcane of a macromolecule compound of high fiber and polyphosphate with strong positive charge, then absorbing the reaction product by diatomite of 15-90 parts by weight, finally obtaining the new additive of higher effect. In the sugar production industry, the new additive is Used to replace the sulfur dioxide completely for discoloring and clarifying the sugarcane extracted juice, and mixing juice, preheated preliming juice thereof, or for further process of clear juice or sugar juice, and finally guaranteeing the production of safe, green, environmental friendly sugar product with high quality.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3368/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PEDOT DISPERSIONS IN ORGANIC SOLVENTS

(51) International classification :C08L21/00,C08L65/00,C08G61/12
(31) Priority Document No :10 2010 050 130.1
(32) Priority Date :03/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/005508
Filing Date :02/11/2011
(87) International Publication No :WO 2012/059215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)L–VENICH Wilfried
2)SCHEEL ArnulfSt
3)REUTER Knud
4)ELSCHNER Andreas

(57) Abstract :
The present invention relates to complexes comprising a polythiophene and a sulphonated synthetic rubber. The present invention also relates to a process for producing complexes the complexes obtain¬ able by this process a composition a layer structure a process for producing a layer structure the layer structure obtainable by this process electronic components and the use of a composition.

No. of Pages : 38 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3369/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MANUFACTURING A TURBOCHARGER

(51) International classification :F02B37/24,F02B37/22,F01D17/16
(31) Priority Document No :102010046658.1
(32) Priority Date :27/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/US2011/052690
Filing Date :22/09/2011
(87) International Publication No :WO 2012/047527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HEIDINGSFELDER Leif
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(57) Abstract :
The invention relates to a method for manufacturing a turbocharger (1) with variable turbine geometry (VTG) having a turbine housing (2) with a feed duct (9) for exhaust gases; having a turbine rotor (4) which is rotatably mounted in the turbine housing (2); and having a guide grate (18) which surrounds the turbine rotor (4) radially at the outside which has a blade bearing ring (6) which has a multiplicity of guide blades (7) which have in each case one blade shaft (8) mounted in the blade bearing ring (6) which has an adjusting ring (5) operatively connected to the guide blades (7) via associated blade levers (20) fastened to the blade shafts (8) at one of the ends thereof each blade lever (20) having at the other end a lever head (23) which can be placed in engagement with an associated engagement recess (24) of the adjusting ring (5) and which has a stop (25) at least for setting the minimum throughflow through the nozzle cross sections formed by the guide blades (7) wherein the stop (25) is formed as a setting pin which is fastened by means of an automated butt welding process the position of the setting pin being determined from a previously carried out throughflow measurement with similar guide grates.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.3613/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED HIGH CONCENTRATION ANTI TNFA ANTIBODY LIQUID FORMULATIONS

(51) International classification :A61K39/395
(31) Priority Document No :61/412728
(32) Priority Date :11/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060388
Filing Date :11/11/2011
(87) International Publication No :WO 2012/065072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WEBER Carsten
4)REDDEN Laura
5)FRAUNHOFER Wolfgang

(57) Abstract :
The invention provides a liquid aqueous pharmaceutical formulation comprising a human anti TNFa antibody or antigen binding portion thereof which reduces pain associated with injection in a subject by at least about 50% when compared to injecting an otherwise identical formulation comprising at least one salt and/or at least one buffer. The invention also provides a liquid aqueous pharmaceutical formulation comprising a human anti TNFa antibody or antigen binding portion thereof having increased bioavailability upon subcutaneous administration into a subject. The formulation may comprise a therapeutic protein such as a human anti TNF alpha antibody or an antigen binding portion thereof or a biosimilar thereof.

No. of Pages : 155 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2014
(21) Application No.1233/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SANDWICH TYPE CELLULOSE MEMBRANE COMPOSITE DRESSING FOR BURNS AND WOUNDS

(51) International classification :A61K9/7053
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The present invention discloses a sandwich type cellulose membrane composite dressing for burns and wounds, comprising two transparent non-microbial cellulose membranes with a central core of wetting material e.g. viscose. The dressing though being non-transparent provides an easy mechanism to view the progress of wound healing owing to presence of ˜flap type™ mechanism in which the membranes and viscose material are kept in place by a single line of thread stitching only along one edge and when progress of wound is to be viewed the viscose layer is lifted from the open edge, allowing the lower membrane layer to remain on the wound but allowing easy viewing of the wound. Apart from stitching, other means such as heating, ultrasonic welding etc. can be employed to keep the components of the dressing in place.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1539/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBACTERIAL COMPOUNDS AND METHODS FOR USE

(51) International classification :A01N43/40
(31) Priority Document No :61/528599
(32) Priority Date :29/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052922
Filing Date :29/08/2012
(87) International Publication No :WO 2013/033258
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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12)QI Hongyan
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15)YANG Tianle
16)ZHANG Nanjing
17)ZHANG Xiaoyan

(57) Abstract :
The present description relates to compounds and forms and pharmaceutical compositions thereof and methods for use thereof to treat or ameliorate bacterial infections caused by wild-type and multi-drug resistant Gram-negative and Gram-positive pathogens.

No. of Pages : 337 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014
(21) Application No.1603/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DERIVING COMPOSITE TIE METRIC FOR EDGE BETWEEN NODES OF TELECOMMUNICATION CALL GRAPH

(51) International classification :H04Q 3/00
(31) Priority Document No :61/532151
(32) Priority Date :08/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053946
Filing Date :06/09/2012
(87) International Publication No :WO 2013/036627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PHADKE Chitra
4)UZUNALIOGLU Huseyin
5)KUSHNIR Dan

(57) Abstract :
A method for deriving a composite tie metric for an edge between nodes of a telecommunication call graph includes receiving descriptive data with original values for descriptive attributes associated with a telecommunication call graph formed by edges between nodes. Each edge relates to two nodes. Each original value relates to an edge and a descriptive attribute forming an edge attribute pair for the corresponding original value. The descriptive data is stored in a local storage device. Scaling factors for each descriptive attribute are determined taking into account a distribution of the original values for the corresponding descriptive attribute and a common base for the descriptive attributes. Weighting factors are determined for each descriptive attribute. The composite tie metric is computed for an edge based on the original value scaling factor and weighting factor for the descriptive attributes.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2014

(21) Application No.2976/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MICROWAVE BASED MACHINE FOR DESTROYING VARIETY OF WEEDS

(51) International classification :A01B77/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention discloses a microwave based machine for destroying variety of weeds. This is achieved with the help of sensing multiple biological characteristics of weed such as moisture, PH and leaf pattern SIMULTANEOUSLY and then processing the signals in a way that there is CONFIRMATION of presence or absence of any type of weed. No weed will miss the eye of multiple sensors. The present invention also includes special hanging arms to diverge crop leaves to make path. This helps the machine traverse the farm even at the stage when the crop is growing and have some finite height without damaging it. One more feature of the present invention is the directive and focussed exposure to microwaves on weeds only thereby saving the crop or the farm soil from adverse effects of microwaves on the fertility of soil or the health of crop.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014

(21) Application No.37/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CROSS PROTECTIVE ARENAVIRUS VACCINES AND THEIR METHOD OF USE

(51) International classification :A61K48/00,C12N15/00
(31) Priority Document No :61/506579
(32) Priority Date :11/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/046318
Filing Date :11/07/2012
(87) International Publication No :WO 2013/055418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CASHMAN Kathleen
4)SCHMALJOHN Connie

(57) Abstract :
The invention relates to DNA vaccines that target multiple arenavirus agents singly or simultaneously.

No. of Pages : 66 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2015

(21) Application No.11309/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BICYCLE TYRE

(51) International classification :B60C13/02,B60C13/04
(31) Priority Document No :1356856
(32) Priority Date :12/07/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/064797
Filing Date :10/07/2014
(87) International Publication No :WO 2015/004225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BESTGEN Luc
3)OLSOMMER David

(57) Abstract :
The present invention relates to a bicycle tyre specifically to the walls of a bicycle tyre. The invention aims to combine on at least one wall of a bicycle tyre a toothed section having a substantially radial generatrix positioned circumferentially on the wall of the tyre and intended for engaging with a matching toothed section of an electric device for a bicycle and a retro reflecting strip for visual detection of the bicycle in the dark. Said aim has been achieved by a bicycle tyre (1) which includes two walls (2) linking a tread (3) having two beads (4) a continuous toothed section (5) with a generatrix (G) which is substantially radial relative to the axis of rotation of the tyre in the axial direction ( ) positioned circumferentially on an axially external surface (21) of at least one wall (2) and including an elastomer material. According to the invention a retro reflecting strip (6) is positioned circumferentially on the wall (2) axially outward from the axially outermost surface (21) of the wall (2) and radially outward from the toothed section (5) a strip mounting (7) is axially inserted between the retro reflecting strip (6) and the axially outermost surface (21) of the wall (2) and an axially external surface (71) of the strip mounting (7) onto which the retro reflecting strip (6) is applied forms an angle (A) no higher than 30° with the radial direction ( ) of the tyre.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.1224/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VERSATILE AND STEREOSPECIFIC SYNTHESIS OF GAMMA DELTA UNSATURATED AMINO ACIDS BY WITTIG REACTION

(51) International classification :C07F9/54,C40B40/04,C07F17/02
(31) Priority Document No :61/528376
(32) Priority Date :29/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/066686
Filing Date :28/08/2012
(87) International Publication No :WO 2013/030193
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to unsaturated a-amino acids of general formula (I). The present invention also provides a versatile process for the stereospecific synthesis of said compounds of formula (I), involving a Wittig reaction. The present invention also relates to intermediate products of general formulae (II) and (III), as shown below, which are involved in the - synthesis of compounds (I)

No. of Pages : 85 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1293/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FIBER OPTIC CONNECTION SYSTEM

(51) International classification :G02B 6/38
(31) Priority Document No :10/873,849
(32) Priority Date :22/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/019314
Filing Date :02/06/2005
(87) International Publication No :WO 2006/007267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7767/DELNP/2006
Filed on :20/12/2006

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RINGGENBERG, PAUL D.
2)SKINNER, NEAL, G.
3)MAIDA, JOHN, L., JR.
4)JOHNSON, DAVID O.

(57) Abstract :
A fiber optic splice housing and integral dry mate connector system. In a described embodiment, a fiber optic connection system includes optical fiber sections in respective conduit sections. Each of the conduit sections is received in the housing assembly. An optical connection between the optical fiber sections is positioned within the housing assembly

No. of Pages : 40 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2633/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGHLY BIOCOMPATIBLE DUAL THERMOGELLING CHITOSAN/GLUCOSAMINE SALT COMPOSITIONS

(51) International classification :C08L5/08,A61K47/36,A61K9/10
(31) Priority Document No :61/377592
(32) Priority Date :27/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000971
Filing Date :26/08/2011
(87) International Publication No :WO 2012/024785
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OLIGO MEDIC INC.
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(72)**Name of Inventor :**
1)CHENITE Abdellatif
2)SELMANI Amine

(57) Abstract :
The present disclosure relates to a chitosan solution neutralized with amino sugar carbonate buffering solution or amino sugar phosphate buffering solution or phosphorylated aminosugar buffering solution. The resulting themogelling chitosan composition is highly biocompatible isotonic and has the ability to rapidly turn into gel upon heating to the body temperature. It provides a novel chitosan based composition to suitable for drug delivery cell delivery and repair or regeneration of tissues and organs as well as other clinical treatment.

No. of Pages : 31 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2014

(21) Application No.3718/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PATHWAY RECOGNITION ALGORITHM USING DATA INTEGRATION ON GENOMIC MODELS (PARADIGM)

(51) International classification :G06F19/26,G06F19/12
(31) Priority Document No :13/317769
(32) Priority Date :26/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001844
Filing Date :31/10/2011
(87) International Publication No :WO 2013/062505
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VASKE Charles J.
2)BENZ Stephen C.
3)STUART Joshua M.
4)HAUSSLER David

(57) Abstract :
A patient sample specific dynamic pathway map is constructed on the basis of measured patient data and a probabilistic pathway model that is based on attributes for pathway elements wherein some attributes for pathway elements are known a priori where other attributes for the pathway elements are assumed and where the pathway elements are cross correlated and assigned an influence level for at least one pathway. Preferred dynamic pathway maps provide context of the measured patient data with respect to a selected reference pathway activity.

No. of Pages : 169 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1755/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEUROACTIVE STEROIDS COMPOSITIONS AND USES THEREOF

(51) International classification :C07J41/00,C07J31/00,C07J9/00
(31) Priority Document No :61/532427
(32) Priority Date :08/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054261
Filing Date :07/09/2012
(87) International Publication No :WO 2013/036835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAGE THERAPEUTICS INC.
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(72)**Name of Inventor :**
1)UPASANI Ravindra B.
2)HARRISON Boyd L.
3)ASKEW Benny C. Jr.
4)DODART Jean Cosme
5)SALITURO Francesco G.
6)ROBICHAUD Albert J.

(57) Abstract :
Compounds are provided according to Formula (I) and pharmaceutically acceptable salts thereof, wherein Z is a group of the formula (i), (ii), (iii), (iv), or (v), and wherein L1, L2, L3, X1, X2, Y, Rz4, Rz5, Rz6, n, R1, R2, R3a, R3b, R4a, R4b, R6a, R6b, R7a, R7b, R11a, R11b, R14, R17, R19, R20, R23a, R23b, and R24 are as defined herein, and pharmaceutical compositions thereof. Compounds of the present invention are contemplated useful for the prevention and treatment of a variety of CNS-related conditions in mammals.

No. of Pages : 218 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.1960/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRETHROID FORMULATIONS

(51) International classification :A01N25/12
(31) Priority Document No :61/526433
(32) Priority Date :23/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/002832
Filing Date :23/08/2012
(87) International Publication No :WO 2013/041975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VIVE CROP PROTECTION INC.
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(72)**Name of Inventor :**
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2)LOUKINE Nikolai
3)GONG Rachel
4)GALAS Henry
5)DINGLASAN Jose Amado
6)DAS Anjan Kumar
7)ANDERSON Darren J.

(57) Abstract :
The present disclosure provides formulations of pyrethroid compounds comprising nanoparticles of polymer associated pyrethroid compounds along with various formulating agents. The present disclosure also provides methods for producing and using these formulations. The disclosure describes various formulations and formulating agents that can be included in the formulations. Additionally the disclosures describes application to various plants and pests as well as advantages of the disclosed formulations.

No. of Pages : 183 No. of Claims : 163

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014

(21) Application No.1961/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SCRIPT BASED VIDEO RENDERING

(51) International classification	:H04N21/44,H04N21/434,H04N21/438
(31) Priority Document No	:61/524269
(32) Priority Date	:16/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2012/050345 :25/05/2012
(87) International Publication No	:WO 2013/023287
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VESTERGAARD Steven Erik
2)TSUI Che Wai
3)TU Shaoning

(57) Abstract :
Systems and methods are provided for cross platform rendering of video content on a user computing platform that is one type of a plurality of different user computing platform types. A script is transmitted to the user computing platform and is interpreted by an application program compiled to operate on any one of the plurality of user computing platform types. Transmitting the script causes the script to be interpreted by the application program operating on the user computing platform to cause the interpreted script to directly decode encoded video data transmitted or otherwise accessible to the user computing platform into decoded video data and to further cause the rendering of the decoded video data.

No. of Pages : 118 No. of Claims : 153

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2014

(21) Application No.3011/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORAL DOSAGE FORM FOR SUSTAINED RELEASE OF CURCUMIN

(51) International classification :A61K36/9066
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SINGH INDERBIR
2)THAKUR GARIMA

(57) Abstract :
The present invention relates to an oral dosage form for sustained release of curcumin comprising chitosan and montmorillonite polymer in specific ratios, as the excipients. In the present formulation, a novel mix of chitosan and MMT in optimal ratios of 1:1 is used to formulate a tablet which gave sustained release of 83% for more than 8 hours. Curcumin was used as the therapeutic agent. With suitable modifications by those skilled in the art, the system of present invention can easily be used with any poorly water soluble drugs viz. curcumin, acelofenac, meloxicam, celcoxib, glimerpride, glibeclamide, gliclazide, ezetimibe, valsartan, telmisartan, carvedilol etc.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2014

(21) Application No.381/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SITE ACTIVATED BINDING SYSTEMS THAT SELECTIVELY INCREASE THE BIOACTIVITY OF PHENOLIC COMPOUNDS AT TARGET SITES

(51) International classification	:A61K31/353,A61K31/235,A61K31/35
(31) Priority Document No	:13/135124
(32) Priority Date	:24/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/043900 :22/06/2012
(87) International Publication No	:WO 2012/178127
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HUANG Alexander L.
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(57) Abstract :
The teachings provided herein generally relate to site activated binding systems that selectively increase the bioactivity of phenolic compounds at target sites. The systems can include a phenolic compound bound to a reactive oxygen species wherein the phenolic compound and the reactive oxygen species can react at a target area in the presence of an oxidoreductase enzyme. The systems can be used for example as an antitoxin an anti inflammatory or an antimicrobial. Uses can include treatment of a gastrointestinal condition a damaged dermal tissue or a damaged mucosal tissue as well as in promoting gastrointestinal health that can for example result in alleviating gastrointestinal discomfort or perhaps creating a weight gain in an animal.

No. of Pages : 86 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2014

(21) Application No.2037/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A THERMOSTABLE FREEZE DRIED ROTAVIRUS VACCINE FORMULATION AND PROCESS TO PREPARE THEREOF

(51) International classification :A61K39/15
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MADAN, Dr. Madhu
3)KALE, Dr. Sachin
4)SHARMA, Dr. Tarun
5)SHUKLA, Dr. Nidhi
6)SIKRIWAL, Dr. Deepa
7)EVANS, Dr. Roberts

(57) Abstract :
The present invention relates to a thermostable freeze dried rotavirus vaccine formulation and the process of preparing the same. More specifically the present invention discloses multivalent thermostable liquid, powder or cake based rotavirus vaccine formulation prepared using the freeze drying process, such that the said vaccine formulation possess improved heat-stability, easy to use and transport and highly affordable thereby meeting the requirements of developing and low income country™s vaccination program. The said freeze dried rotavirus vaccine formulation along with reconstitution buffer is so engineered to be suitable for filling in appropriate packaging containers/ closures so designed such that they reduce the logistics requirement for storage.

No. of Pages : 50 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2014
(21) Application No.2039/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED THERMOSTABLE SPRAY DRIED ROTAVIRUS VACCINE FORMULATION AND PROCESS THEREOF

(51) International classification	:A61K 39/15
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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5)SHUKLA, Dr. Nidhi
6)SIKRIWAL, Dr. Deepa
7)EVANS, Dr. Robert

(57) Abstract :
The present invention relates to an improved thermostable spray dried rotavirus vaccine formulation and the process of preparing the same. More specifically the present invention discloses thermostable liquid, powder or granule-based rotavirus vaccine prepared using the spray drying process, such that the said vaccine has improved heat-stability, ease-of-use, ease-of-transportation and affordability features with significantly better chance of being adopted in developing and low income country™s vaccination program.

No. of Pages : 43 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3395/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMOTIVE TRANSMISSION

(51) International classification :B60K20/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Hyundai Motor Company
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3)SL Corporation
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3)CHO Yang Rae
4)KIM Ji Kwon
5)KO Ki Nyeong
6)KIM Sung Yong
7)CHEON Man Young

(57) Abstract :
Disclosed herein relates to an automotive transmission, and more particularly, to an automotive transmission capable of selecting a transmission mode and detecting a shift stage In the selected transmission mode. According to an exemplary embodiment of the present invention, an automotive transmission includes: a shift lever configured to move in one direction to select a shift stage; 10 a housing configured to be formed to enclose one side of the shift lever; and a transmission sensing module configured to be positioned inside the housing to sense at least one of the transmission modes or the shift stages which are selected by the shift lever, wherein the transmission sensing module 15 includes: a printed circuit board; at least one component configured to include a connection terminal electrically connected to the printed circuit board and to be operated depending on the selected transmission mode or shift stage; at least one component operated depending on at least one of the 20 selected transmission modes or the shift stages and a cover part configured to be coupled with one surface of the printed circuit board and apply a pressure to the connection terminal to adhere to the printed circuit board.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2013
(21) Application No.4191/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR POWERED RAILCAR DOORS

(51) International classification :B61D7/00,B61D39/00
(31) Priority Document No :12/948583
(32) Priority Date :17/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060722
Filing Date :15/11/2011
(87) International Publication No :WO 2012/068061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :2525 Stemmons Freeway Dallas Texas 75207 U.S.A.
(72)**Name of Inventor :**
1)CREIGHTON George S.
2)MCKISIC Aubra D.

(57) Abstract :
Systems and methods for powered rail car doors are disclosed. In one embodiment a system includes a first door assembly operable to at least partially cover an opening of a rail car. The system also includes an actuator. A first common linkage is coupled to the actuator and is operable to reciprocally move in a longitudinal direction relative to the actuator. In particular embodiments a first secondary linkage is coupled to the first common linkage and is coupled to an exterior surface of the first door assembly wherein the first secondary linkage cooperates with the first common linkage to move the first door assembly between an open position and a closed position over the top hatch of the rail car.

No. of Pages : 73 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013
(21) Application No.10272/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADVANCED COMBINED CYCLE SYSTEMS AND METHODS BASED ON METHANOL INDIRECT COMBUSTION

(51) International classification :F01K23/10,F01K21/04,F02C3/20
(31) Priority Document No :61/506428
(32) Priority Date :11/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000663
Filing Date :10/07/2012
(87) International Publication No :WO 2013/006957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HYNES Ruairi P.

(57) Abstract :
A methanol indirect combustion combined cycle power generation apparatus and method. A liquid methanol input stream is evaporated to provide a gaseous methanol stream which is converted to syngas that is combusted in a gas turbine assembly to drive a first electrical generator and produce an exhaust gas. Heat from the exhaust gas of the gas turbine assembly is used to produce first and second steam streams. The first steam stream drives a first steam turbine and provides the heat required for converting the gaseous methanol stream to the syngas combustion stream. The second steam stream drives a second steam turbine and provides the heat required for evaporating the liquid methanol input stream. A second electrical generator is driven using at least one of the first and second steam turbines.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.10274/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS OF PREDICTING THE DEVELOPMENT OF COMPLEMENT MEDIATED DISEASE

(51) International classification :A61P27/02
(31) Priority Document No :61/480929
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035467
Filing Date :27/04/2012
(87) International Publication No :WO 2012/149329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PAPPAS Christian Matthew
3)BROWN Eric N.
4)HUTCHESON David

(57) Abstract :
Described herein are methods for determining a Caucasian subject s susceptibility to having or developing a complement mediated disease comprising determining in the Caucasian subject the identity of one or more haplotypes wherein the one or more haplotypes are HI_62_A H2_62_A H3_62_A H4_62_A H5_62_A H6_62_A H7 62_A H8 62_A H9_62_A HI0_62_A HII_62_A H12 62_A H13_62_A HI4_62_A HI5_62_A or a complement thereof and wherein the presence of one or more of the haplotypes indicates the subject s susceptibility for having or developing a complement mediated disease.

No. of Pages : 395 No. of Claims : 240

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2008

(21) Application No.1094/DEL/2008 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METAL DIOXIDE EQUIPPED WATER PURIFIER AND METHOD OF WORKING FOR SAME

(51) International classification :C02F1/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. S MURALIDHAR RAO

(57) Abstract :
The invention generally relates to the field of water purifiers and water purification systems and more specifically to a composite water purifier having a metal dioxide or metal dioxide derivative based water purification capability, that is capable of effectively rendering purification process from the point of view of heavy metal contaminants in addition to the normally present water purification means and processes, and in said composite water purification system/water purifier, the various components function in an integrated manner.

No. of Pages : 30 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2013

(21) Application No.4111/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHEMOSENSORY RECEPTOR LIGAND BASED THERAPIES

(51) International classification :G01N33/53
(31) Priority Document No :61/394716
(32) Priority Date :19/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056766
Filing Date :18/10/2011
(87) International Publication No :WO 2012/054523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BARON Alain D.
2)BROWN Martin R.
3)JONES Christopher R. G.
4)FINEMAN Mark S.

(57) Abstract :
Methods of modulating hormone concentrations in a subject comprising the administration of a composition comprising a chemosensory receptor ligand, wherein the composition is adapted to deliver the ligand to one or more regions of the intestine of said subject. Methods are directed to the modulation of circulating concentrations of one or more ofGLP-l (total), GLP-I (active), GLP-2, oxyntomodulin, PYY (total), PYY 3-36, CCK, GIP, insulin, C-peptide, glycentin, uroguanylin amylin, and ghrelin (total), ghrelin (active) and glucagon.

No. of Pages : 262 No. of Claims : 151

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014
(21) Application No.44/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND COMPOSITION FOR RESTORING DAMAGED OPTICAL SUBSTRATES UTILIZING HIGH REFRACTIVE INDEX ULTRAVIOLET CURABLE COATING

(51) International classification :B29C73/02
(31) Priority Document No :61/507662
(32) Priority Date :14/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/046668
Filing Date :13/07/2012
(87) International Publication No :WO 2013/010079
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ANDERSON Russell

(57) Abstract :
The present invention describes a method for repairing defects on a surface of an optical substrate. The method includes a step of providing a radiation curable coating and then applying the coating onto a surface of the optical substrate. The coating is then cured with a UV light source causing the refractive index of the coating to be less than ±10% of the refractive index of the substrate. The cured coating exhibits a viscosity less than about 315 CP at 25 °C. The present invention also describes a novel coating composition for repairing optical substrates.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015
(21) Application No.4271/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNCHRONIZATION APPARATUS SYNCHRONIZATION SYSTEM WIRELESS COMMUNICATION APPARATUS AND SYNCHRONIZATION METHOD

(51) International classification :H04L7/00
(31) Priority Document No :2012260716
(32) Priority Date :29/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/004862
Filing Date :15/08/2013
(87) International Publication No :WO 2014/083725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OGAWA Takatoshi

(57) Abstract :
The objective of the invention is to provide a synchronization apparatus a synchronization system a wireless communication apparatus and a synchronization method that can suppress the affection of fluctuations occurring in a case of receiving synchronization signals via a network. A synchronization apparatus (20) of the invention receives synchronization signals transmitted from a synchronization signal source (10) via a network. The synchronization apparatus (20) comprises: a frequency synchronization unit (21) that performs on the basis of a received synchronization signal a frequency synchronization to output a frequency synchronization signal; a phase synchronization unit (23) that performs on the basis of a synchronization signal transmitted from the synchronization signal source (10) via the network a phase synchronization to output a phase synchronization signal; and a phase synchronization control unit (22) that uses a phase difference between the frequency synchronization signal and the phase synchronization signal to generate an offset value and that uses the offset value to modify the phase of the frequency synchronization signal.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.4272/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TOUCH SCREEN FOR A BEVERAGE DISPENSING SYSTEM

(51) International classification :G06F17/00
(31) Priority Document No :61/848216
(32) Priority Date :27/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/075612
Filing Date :17/12/2013
(87) International Publication No :WO 2014/105511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HERNANDEZ George E.
2)HONG Jeremiah A.

(57) Abstract :
A beverage dispensing system includes a control system electrically connected with a beverage dispenser a proximity sensor and a touch sensitive display. The control system causes the touch sensitive display to display an advertising state when the proximity sensor indicates a user is not present at the beverage dispensing system and a beverage selection state when the proximity sensor indicates a user is present. The control system further causes the touch sensitive display to display a pour state after a beverage choice selection is made through the touch sensitive display during the display of the beverage selection state. The control system still further causes the beverage dispenser to deliver the beverage choice after a pour request is made through the touch sensitive display during the display of the pour state.

No. of Pages : 85 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.4273/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOCONTROL OF NEMATODES

(51) International classification :A01N63/00,A01P5/00
(31) Priority Document No :61/719349
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067123
Filing Date :28/10/2013
(87) International Publication No :WO 2014/066903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MARGOLIS Jonathan S.
2)ROYALTY Reed Nathan
3)THOMAS Varghese

(57) Abstract :
The present invention provides a method for using a Bacillus strain as a nematicide and related compositions.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.4431/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND PROCESS FOR RECOVERING PRODUCTS USING SIMULATED MOVING BED ADSORPTION

(51) International classification :B01D15/18
(31) Priority Document No :61/570947
(32) Priority Date :15/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062518
Filing Date :30/10/2012
(87) International Publication No :WO 2013/089922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FREY Stanley J.
2)WILLIAMS Sara A.

(57) Abstract :
A process according to various approach includes flushing residual fluid within an intermediate transfer line of a purification zone defined as a region of the adsorptive separation chamber between the feed stream transfer line and the extract stream transfer line away from the adsorptive separation chamber to remove at least a portion of the residual fluid from the intermediate transfer line. The process may include directing the residual fluid flushed from the intermediate transfer line to another transfer line that is not a transfer line of the purification zone to restrict the residual fluid from being introduced into the purification zone.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014
(21) Application No.4432/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR PRODUCING LINEAR ALKYLBENZENES FROM BIO RENEWABLE FEEDSTOCKS

(51) International classification :C07C15/02,C07C15/107,C07C2/64
(31) Priority Document No :13/523741
(32) Priority Date :14/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/037687
Filing Date :23/04/2013
(87) International Publication No :WO 2013/188006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WANG Haiyan
2)MCCALL Michael J.

(57) Abstract :
A method for producing a linear alkylbenzene product from a bio renewable feedstock having a mixture of naturally derived hydrocarbons includes separating the mixture of naturally derived hydrocarbons into a naphtha portion and a distillate portion reforming the naphtha portion and using a high purity aromatics recovery process on the reformed naphtha portion to produce benzene. The method further includes separating a normal paraffins portion from the distillate portion and dehydrogenating the normal paraffins portion to produce mono olefins. Still further the method includes reacting the benzene and the mono olefins to produce the linear alkylbenzene product.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2014

(21) Application No.3881/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IL-12/P40 BINDING PROTEINS

(51) International classification :C07K 16/00
(31) Priority Document No :60/695,679
(32) Priority Date :30/06/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/025584
Filing Date :29/06/2006
(87) International Publication No :WO/2007/005608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :9729/DELNP/2007
Filed on :29/06/2006

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2)FUNG Emma
3)BELK Jonathan P.
4)DIXON Richard W.
5)ROGUSKA Michael
6)HINTON Paul R.
7)KUMAR Shankar

(57) Abstract :
The present invention encompasses IL-12p40 binding proteins, particularly antibodies that bind human interleukin-12 (hIL-12) and/or human IL-23 (hIL-23). Specifically, the invention relates to antibodies that are chimeric, CDR grafted and humanized antibodies. Preferred antibodies have high affinity for hIL-12 and/or hIL-23 and neutralize h IL-12 and/or hIL-23 activity in vitro and in vivo. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Method of making and method of using the antibodies of the invention are also provided. The antibodies, or antibody portions, of the invention are useful for detecting hIL-12 and/or hIL-23 and for inhibiting hIL-12 and/or hIL-23 activity, e.g., in a human subject suffering from a disorder in which hIL-12 and/or hIL-23 activity is detrimental.

No. of Pages : 187 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.4413/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR TELEPHONE INTERACTION

(51) International classification :H04M3/51,H04M7/00
(31) Priority Document No :201410505750.4
(32) Priority Date :26/09/2014
(33) Name of priority country :China
(86) International Application No :PCT/CN2015/074525
Filing Date :18/03/2015
(87) International Publication No :WO 2016/045322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)XU Ruijun

(57) Abstract :
The present disclosure relates to a method device and system for telephone interaction and relates to the field of call answering systems. The method comprises: establishing with a telephone agent system a voice channel used for voice calls; when the telephone agent system is in an agent busy state establishing with the telephone agent system a data channel; acquiring interactive entertainment information provided by the telephone agent system via the data channel; and providing a user with an entertainment service in a call interface on the basis of the interactive entertainment information. By providing the user with the entertainment service when the telephone agent system is in the agent busy state the present disclosure solves the problem in the related art that when wait time is too long a user terminal may directly hang up a present call that leads to wastage of communication resources of the telephone agent system thus effecting conservation of the communication resources by extending user wait time with the entertainment service and preventing the user from repeating the call process.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.4414/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIST UPDATING METHOD AND DEVICE

(51) International classification :G06F9/445
(31) Priority Document No :201410384387.5
(32) Priority Date :06/08/2014
(33) Name of priority country :China
(86) International Application No :PCT/CN2015/074609
Filing Date :19/03/2015
(87) International Publication No :WO 2016/019728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GAO Yi
2)WANG Hongqiang
3)LONG Hai

(57) Abstract :
The present disclosure relates to a list updating method and device belonging to the technical field of computers and Internet. The method comprises: acquiring a trigger signal with regard to a first list item and a second list item which are adjacent in N list items displayed in a current page the trigger signal being used for triggering an update of list data; obtaining at least one update list item according to the updated list data; and loading the update list item between the first list item and the second list item. By triggering update of list data with regard to a first list item and second list item which are adjacent displayed in a current page and directly loading the update list item between the first list item and the second list item the present disclosure solves the problem existing in the background that an operation of triggering a list update is complicated thereby affecting update efficiency and affecting the continuity of browsing the list data which simplifies an operation of triggering list update improves the update efficiency and guarantees the continuity of browsing a list.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2014

(21) Application No.4583/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INJECTABLE SILK FIBROIN FOAMS AND USES THEREOF

(51) International classification :A61L27/22,A61L27/14,A61L27/40
(31) Priority Document No :61/557610
(32) Priority Date :09/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/064471
Filing Date :09/11/2012
(87) International Publication No :WO 2013/071123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LO Tim Jia Ching
3)LI Lei
4)BELLAS Evangelia
5)KAPLAN David L.

(57) Abstract :
The inventions provided herein relate to compositions methods delivery devices and kits for repairing or augmenting a tissue in a subject. The compositions described herein can be injectable such that they can be placed in a tissue to be treated with a minimally invasive procedure (e.g. by injection). In some embodiments the composition described herein comprises a compressed silk fibroin matrix which can expand upon injection into the tissue and retain its original expanded volume within the tissue for a period of time. The compositions can be used as a filler to replace a tissue void e.g. for tissue repair and/or augmentation or as a scaffold to support tissue regeneration and/or reconstruction. In some embodiments the compositions described herein can be used for soft tissue repair or augmentation.

No. of Pages : 84 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2015

(21) Application No.11189/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROLLED ACCESS TO FUNCTIONALITY OF A WIRELESS DEVICE

(51) International classification :H03F 3/00
(31) Priority Document No :61/187,520
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037983
Filing Date :09/06/2010
(87) International Publication No :WO/2010/147823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8407/DELNP/2011
Filed on :31/10/2011

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(72)**Name of Inventor :**
1)FERREN, Bran

(57) Abstract :
Various embodiments of the invention may be used to verify that a person being authorized by biometric techniques to use a device is a living person and not some form of recording intended to spoof the system. Some embodiments may try to cause a change in a measured biometric feature, and compare images taken before and after the change to verify the change occurred. In some embodiments, multiple stages of verification may be used, either to increase the difficulty of spoofing the security system, or to provide different levels of security for different levels of access to the devices functionality.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2013

(21) Application No.11194/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REMOTE BROWSING SESSION MANAGEMENT

(51) International classification :G06F17/30
(31) Priority Document No :13/174615
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044711
Filing Date :28/06/2012
(87) International Publication No :WO 2013/003631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JENKINS Jonathan A.
3)TAYLOR Brett R.
4)OVERTON Adam J.

(57) Abstract :
A remote browsing process is directed to the generation and management of a remote browse session at a network computing and storage provider. A client computing device requests a remote browse session instance at a network computing and storage provider. The browse session instance may correspond to one or more requested network resources. The network computing and storage provider instantiates the browse session instance and retrieves the requested content. The network computing and storage provider processes the requested content for display and provides display data corresponding to a processed representation of the requested content to the client computing device in accordance with a display protocol configuration. The client computing device may display the representation of the requested content in a browser and may send user interaction data based on user interactions with the representation to the network computing and storage provider for processing.

No. of Pages : 67 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2013

(21) Application No.3685/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MONOBACTAMS

(51) International classification :C07D417/14,A61K31/427,A61K31/4439
(31) Priority Document No :61/417575
(32) Priority Date :29/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055104
Filing Date :15/11/2011
(87) International Publication No :WO 2012/073138
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)PLUMMER Mark Stephen
6)RISLEY Hud Lawrence
7)SHANMUGASUNDARAM Veerabahu
8)STARR Jeremy T.

(57) Abstract :
The present invention is directed to a new class of monobactam derivatives and their use for treating bacterial infections.

No. of Pages : 187 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.4433/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF CELL PERMEABLE PEPTIDE INHIBITORS OF THE JNK SIGNAL TRANSDUCTION PATHWAY FOR THE TREATMENT OF DRY EYE SYNDROME

(51) International classification	:A61K38/08,A61K38/10,A61K38/17
(31) Priority Document No	:PCT/EP2011/006003
(32) Priority Date	:30/11/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/004952 :30/11/2012
(87) International Publication No	:WO 2013/079213
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)DELOCHE Catherine

(57) Abstract :
The present invention refers to the use of protein kinase inhibitors and more specifically to the use of inhibitors of the protein kinase c Jun amino terminal kinase JNK inhibitor (poly)peptides chimeric peptides or of nucleic acids encoding same as well as pharmaceutical compositions containing same for the treatment of dry eye syndrome.

No. of Pages : 73 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2014

(21) Application No.4589/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING FORMIC ACID

(51) International classification :C07C51/02,C07C51/09,C07C51/15
(31) Priority Document No :11194619.0
(32) Priority Date :20/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/075493
Filing Date :14/12/2012
(87) International Publication No :WO 2013/092403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOHL Klaus Dieter
3)SCH„FER Martin
4)FRIES Donata Maria
5)TELES Joaquim Henrique
6)BASSLER Peter
7)RITTINGER Stefan
8)SCHAUB Thomas

(57) Abstract :
The invention relates to a method for obtaining formic acid by thermally separating a flow containing formic acid and a tertiary amine (I) wherein a liquid flow containing formic acid tertiary amine (I) and water is produced by bringing together a tertiary amine (I) and a formic acid source in the presence of water water and organic decomposition products of the tertiary amine (I) are removed and formic acid is removed from the obtained liquid flow by means of distillation in a distillation device wherein the removed flow containing water and organic decomposition products of the tertiary amine (I) is separated into two liquid phases the upper liquid phase is removed and the lower liquid phase containing water is fed back to the formic acid source.

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014
(21) Application No.2139/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAPLE CARTRIDGE INCLUDING COLLAPSIBLE DECK ARRANGEMENT

(51) International classification :A61B17/072
(31) Priority Document No :13/241912
(32) Priority Date :23/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056210
Filing Date :20/09/2012
(87) International Publication No :WO 2013/043789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAXTER Chester O. III
3)ARONHALT Taylor W.
4)YOUNG Joseph E.
5)SHELTON Frederick E. IV

(57) Abstract :
A staple cartridge for use with a surgical stapler can comprise a cartridge deck and a plurality of staples at least partially positioned within the cartridge deck. In various embodiments the staples can comprise legs which extend upwardly from the deck wherein the deck can further include supports or guides which are configured to hold the staple legs in a particular alignment. In at least one such embodiment the staple legs can extend upwardly from the supports into a tissue thickness compensator.

No. of Pages : 513 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2200/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR SEPARATION AND PROCESSING OF MATERIALS

(51) International classification :B01D45/16,B04C5/10,B04C7/00
(31) Priority Document No :1116366.4
(32) Priority Date :22/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2012/055035
Filing Date :21/09/2012
(87) International Publication No :WO 2013/042084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAXTON Richard George

(57) Abstract :
This invention relates to a tubular cyclonic separation device the style of which was presented in PCT/ZA2003/000160 and which enables all of the inlet and outlet connections to be completely contained within a tubular profile the diameter of which is that of the body of the cyclonic section. This disclosure adds further novel and inventive developments to the cyclonic device which enable it to be used as a separating device for systems involving all three phases (gas liquid and solid) and where two three or more different product streams may be separated all within the same cylindrical profile. These further inventive developments also relate to the use of externally supplied gas and / or additional liquid phases which are injected through the walls of the cyclonic body using specifically located slots and / or holes in combination with specifically located stepped edges. These further novel and inventive developments enable the concepts of froth floatation (FF) and Dispersed Air Floatation (DAF) to be exploited within an enhanced gravitational field together with the options for washing the separated froth and / or the separated heavier fractions all within the same cyclonic unit. As part of the novel and inventive introduction of the stepped edges means are provided whereby gas bubbles smaller than 30 microns can be created on a large scale and with a reduced energy input relative to typical conventional equipment. Also the size of the gas bubbles may be controlled together with the intensity of any particle on particle interactions that may be created. This latter has many potential applications within FF and / or DAF processes including applications within oil and tar separation from solid surfaces and within many ore preparation and ore leaching processes. The tubular profile enables processing and separation to be achieved within the pipe line or for very closely packed arrangements to be assembled within carrier vessels.

No. of Pages : 126 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3423/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DESIGN & DEVELOPMENT OF MOULDING TOOL FOR FORMING OF RUBBER PAD USING SPLITTED DIE FOR AIRBORNE APPLICATION

(51) International classification :B29C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAVAN KUMAR SAXENA

(57) Abstract :
The Moulding Tool has been designed & developed for forming of Rubber Pad Assy for airborne application. In the existing method, moulding die is made in single piece and this becomes very difficult for complicated profiles. Also, in the single piece moulding die, achieving desired surface finish is very difficult due to manufacturing constraints (of die), in the developed method, splitted die has been used for better machining accessibility and ease of removing the component from die after moulding.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2013
(21) Application No.4834/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR ELONGATING A TENDON

(51) International classification :A61B17/3209
(31) Priority Document No :61/419143
(32) Priority Date :02/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/061706
Filing Date :21/11/2011
(87) International Publication No :WO 2012/074817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SYNTHES GMBH
(72)**Name of Inventor :**
1)GEDET Philippe
2)APPENZELLER Andreas
3)FLURI Daniel

(57) Abstract :
An apparatus and method for elongating a tendon including a cutting blade and a cutting guide supporting the cutting blade in such a way that the cutting blade is movable through at least a portion of a tendon in a helical path so as to make a helical cut in the tendon which allows elongation of the tendon.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3420/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR LAPPING OF TWO MATCHING PARTS ON HORIZONTAL MILLING MACHINES

(51) International classification :G01B5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAVAN KUMAR SAXENA

(57) Abstract :
The method and apparatus has been designed & developed for lapping of two matching parts on horizontal milling machines. The existing method of lapping of matched parts is being carried out manually which consumes lots of time, more human effort, high skill and generates uneven surface finish on the components. In the developed method, the rotary motion of the milling machine arbor is converted into reciprocatory motion for carrying out Lapping operation.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3421/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR BENDING OF HOLLOW PIPES FOR AIRBORNE APPLICATION

(51) International classification :B21D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :AGM (P&P) HINDUSTAN AERONAUTICS LIMITED, AERONAUTICS LIMITED, ACCESSORIES DIVISION, FAIZABAD ROAD, LUCKNOW-226016,India Uttar Pradesh India
(72)**Name of Inventor :**
1)PAVAN KUMAR SAXENA

(57) Abstract :
The method and apparatus has been designed & developed for bending of hollow pipes for airborne application. The existing method of hollow pipe bending is being carried out on Bend Boards which consumes lots of time, more human effort due to improper leverage and many times wrinkles appear on the bending radius of the pipe. In the developed method, rollers has been used for providing the bending radius and support to generate a wrinkle free bending with lesser time.

No. of Pages : 5 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3422/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/11/2014
(43) Publication Date : 27/05/2016

(54) Title of the invention : DESIGN & DEVELOPMENT OF AN APPARATUS FOR LEAK TEST OF BELLOWS USING HELIUM GAS FOR AIRBORNE APPLICATION

(51) International classification :G03F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAVAN KUMAR SAXENA
2)AMIT KUMAR SINGH

(57) Abstract :
This apparatus has been designed for checking of leak of Bellows using helium gas. In this process, vacuum is created inside the apparatus chamber and Helium gas is filled in the bellow. The leak is checked by detecting the presence of helium through a helium detecting machine. Earlier the leak test of bellows was done by spraying helium gas on bellows from outside and vacuum was created inside the bellow. The purpose of this invention is to have a full proof leakage test of Bellows.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2014

(21) Application No.3512/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BISPECIFIC IMMUNOBINDERS DIRECTED AGAINST TNF AND IL 17

(51) International classification :C07K16/24,C07K16/46,A61K39/395
(31) Priority Document No :61/550,619
(32) Priority Date :24/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/061686
Filing Date :24/10/2012
(87) International Publication No :WO 2013/063110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)ZHONG Suju
7)EATON Lucia
8)HUGUNIN Margaret
9)BRITO Alyssa
10)CLABBERS Anca

(57) Abstract :
Engineered multivalent and multispecitic binding proteins, methods of making, and specifically their uses in the prevention, diagnosis, and/ or treatment of disease are provided.

No. of Pages : 214 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.3878/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMMUNOGLOBULIN CLEAVAGE FRAGMENTS VACCINE COMPOSITIONS

(51) International classification :A61K39/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/057396
Filing Date :19/11/2010
(87) International Publication No :WO 2012/067624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JORDAN Robert
2)KNIGHT David
3)BREZSKI Randall

(57) Abstract :
The invention relates to methods and reagents for the preparation and use of a therapeutic immunospecific for IgG breakdown products retaining antigen binding but having lost effector functions. The reagents of the invention may be used as immunogens for the purpose of prophylactic or therapeutic vaccination of a human subject.

No. of Pages : 76 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4889/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIVIRAL COMPOUNDS

(51) International classification :C07D 401/14
(31) Priority Document No :61/177,979
(32) Priority Date :13/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/2010/034600
Filing Date :12/05/2010
(87) International Publication No :WO 2010/132601
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :9313/DELNP/2011
Filed on :28/11/2011

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12)CANALES, EDA
13)CHO, AESOP
14)KIM, CHOUNG, U.
15)COTTELL, JEROMY, J.
16)DESAI, MANOJ, C.
17)HALCOMB, RANDALL, L.
18)KRYGOWSKI, EVAN, S.
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24)TRENKLE, JAMES, D.
25)TSE, WINSTON, C.
26)VIVAN, RANDALL, W.
27)SCHROEDER, SCOTT, D.
28)WATKINS, WILLIAMS, J.
29)XU, LIANHONG
30)YANG, ZHENG-YU
31)KELLAR, TERRY
32)SHENG, XIAONING
33)CLARKE, MICHAEL, O'NEIL, IANRAHAN
34)CHOU, CHIEN-HUNG
35)GRAUPE, MICHAEL
36)JIN, HAOLUN
37)MCFADDEN, RYAN
38)MISH, MICHAEL, R.
39)METOBO, SAMUEL, E.
40)PHILLIPS, BARTON, W.

(57) Abstract :
The invention is related to anti-viral compounds, compositions containing such compounds, and therapeutic methods that include the administration of such compounds, as well as to processes and intermediates useful for preparing such compounds.

No. of Pages : 978 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014
(21) Application No.4890/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REMOTELY CONTROLLING DOWNHOLE TOOLS USING UNTETHERED MOBILE DEVICES

(51) International classification :E21B43/12,E21B47/13,E21B47/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/024811
Filing Date :13/02/2012
(87) International Publication No :WO 2013/122560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HOLDERMAN Luke W.
2)LOPEZ Jean Marc
3)GANO John C.
4)SIMONDS Floyd R.
5)FRIPP Michael

(57) Abstract :
Remote operation of downhole tools in a subterranean wellbore is performed by inserting untethered mobile devices sequentially into the wellbore. The mobile devices can include motive means power supply communication and data storage means etc. In one embodiment the method comprises maneuvering a first mobile device into proximity with a downhole tool the device powering the tool. The first device is then removed such as by flowing up or dissolving. The now powered tool is used to perform a test or other operation. A second mobile device is maneuvered into proximity with the downhole tool and data is transferred. The second device is retrieved with the data or using on¬ board logic devices provides if then commands to the downhole tool. Alternately a third mobile device can be used to power and transfer commands to the tool. The method can be used for various tasks such as opening bypass ports on ICD valves.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4892/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A YARN COMPRISING GEL FORMING FILAMENTS OR FIBRES

(51) International classification :D02G3/04,D02G3/44,D06M13/21
(31) Priority Document No :1120693.5
(32) Priority Date :01/12/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052952
Filing Date :29/11/2012
(87) International Publication No :WO 2013/079949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BONNEFIN Wayne
2)WROE Sarah
3)PRENTICE Amelia

(57) Abstract :
A yarn comprising gel forming filaments or fibres particularly one used to make a woven or knitted wound dressing or other gelling fabric structure. The invention provides a yarn comprising a blend of from 30 % to 100 % by weight of gel forming fibres and 0% to 70 % by weight of textile fibres. Process for making the yarns are also described including those using rotor spinning.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4893/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ASENAPINE INTERMEDIATE

(51) International classification :C07D491/04
(31) Priority Document No :3409/DEL/2011
(32) Priority Date :28/11/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/056238
Filing Date :07/11/2012
(87) International Publication No :WO 2013/080069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHARMA Ramnik
2)ALLU Senkara Rao
3)ARYAN Ram Chander

(57) Abstract :
The present invention provides a process for the preparation of the asenapine intermediate of Formula III using a magnesium-methanol-acetic acid mixture.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014
(21) Application No.4894/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LAMP POWERING TECHNOLOGY

(51) International classification :F21S9/03
(31) Priority Document No :13/312902
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054280
Filing Date :07/09/2012
(87) International Publication No :WO 2013/085583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHUY Geoffrey Wen Tai
2)LI Chang Horang
3)LAI Hsin chen

(57) Abstract :
A device is designed for channeling electricity to a lamp and adjusts downwards the amount of power channeled to the lamp as a function of available electrical energy in the source. In so doing a reduction in the available energy in the source causes a less proportionate reduction in luminosity of the lamp. This might be accomplished by passing the electricity through a passive network of resistors and diodes on its way down to the lamp. In one example the electrical energy source may be a battery that is powered by one or more solar panels. In that case the device may also perform the function of protecting the battery from being overly charged. It channels downwards a greater daily lamp s energy consumption than that of daily electrical charging from the solar panels when the available battery energy is near its full capacity.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4895/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : N-ARYLAMIDINE-SUBSTITUTED TRIFLUOROETHYL SULFIDE DERIVATIVES AS ACARICIDES AND INSECTICIDES

(51) International classification :A01N37/52,C07C317/42,C07C323/36
(31) Priority Document No :11194855.0
(32) Priority Date :21/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/075269
Filing Date :12/12/2012
(87) International Publication No :WO 2013/092350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BAYER INTELLECTUAL PROPERTY GMBH
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2)ALIG Bernd
3)BECKER Angela
4)VOERSTE Arnd
5)G–RGENS Ulrich
6)FISCHER Reiner
7)MORADI Wahed Ahmed
8)CEREZO GALVEZ Silvia
9)HAHN Julia Johanna
10)ILG Kerstin
11)SCHWARZ Hans Georg
12)GOMIBUCHI Takuya
13)ITO Masahito
14)YAMAZAKI Daiei
15)SHIBUYA Katsuhiko
16)SHIMOJO Eiichi

(57) Abstract :
The present invention relates to novel N arylamidine substituted trifluoroethyl sulfide derivatives of the formula (I) in which X X X X R R R n are each defined as specified in the description to the use thereof as acaricides and insecticides for control of animal pests and to processes and intermediates for preparation thereof.

No. of Pages : 228 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4896/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HETEROCYCLIC INHIBITORS OF GLUTAMINASE

(51) International classification :A61K31/433,C07D237/20,C07D271/113
(31) Priority Document No :61/562266
(32) Priority Date :21/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065816
Filing Date :19/11/2012
(87) International Publication No :WO 2013/078123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LI Jim
2)CHEN Lijing
3)GOYAL Bindu
4)LAIDIG Guy
5)STANTON Timothy Friend
6)SJOGREN Eric Brian

(57) Abstract :
The invention relates to the heterocyclic compounds of Formula (I) as defined further herein and pharmaceutical preparations thereof. The invention further relates to methods of treating cancer immunological or neurological diseases using the heterocyclic compounds of the invention.

No. of Pages : 306 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4897/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MONOBENZOATE USEFUL AS A PLASTICIZER IN PLASTISOL COMPOSITIONS

(51) International classification :C08K5/00
(31) Priority Document No :61/598372
(32) Priority Date :14/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026049
Filing Date :14/02/2013
(87) International Publication No :WO 2013/123127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MCBRIDE Emily

(57) Abstract :
A unique monobenzoate useful as a plasticizer in polymeric dispersions such as plastisols and melt compounds. The monobenzoate comprises 3 phenyl propyl benzoate a benzoate ester heretofore known as a flavoring and fragrance agent but not previously utilized as a plasticizer in polymeric applications. Depending on the application the advantages rendered by the use of the inventive monobenzoate include among other things excellent solvating properties low viscosity viscosity stability and improved rheology as well as health safety and environmental advantages over traditional plasticizers.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1002/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STERILANT SYSTEM WITH MULTI COMPARTMENT DISPENSER

(51) International classification :A61L2/18,B05B9/04,B05B9/08
(31) Priority Document No :1115194.1
(32) Priority Date :02/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052154
Filing Date :03/09/2012
(87) International Publication No :WO 2013/030597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TURNER Jeremy

(57) Abstract :
A multi part sterilant system (12) comprising: a first part (4) comprising a first reagent in a carrier medium in a first container (6); a second part (8)comprising a second reagent in a carrier medium in a second container (10); wherein the first reagent and the second reagent will react to provide a sterilising composition when the first part (4) is mixed with the second part (8); a pump head (2) having a peristaltic pump member (22); the first container (6) having a first part dispensing tube (16) extending from its interior and disposed through the pump head (2); the second container (10) having a second part dispensing tube (18) extending from its interior and disposed through the pump head (2); wherein the peristaltic pump member (22) when actuated acts on both the first part dispensing tube (16) and the second part dispensing tube (18) so as simultaneously to pump substantially equal volumes of the first part (4) and the second part (8).

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.1130/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND COMPOSITIONS RELATING TO P62 FOR THE TREATMENT AND PROPHYLAXIS OF CANCER

(51) International classification	:A61K38/17,A61K38/16,A61K48/00
(31) Priority Document No	:61/521280
(32) Priority Date	:08/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/050024 :08/08/2012
(87) International Publication No	:WO 2013/022991
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)SHNEIDER Alexander
2)VENANZI Franco
3)SHERMAN Michael
4)SHIFRIN Victor

(57) Abstract :
Provided herein are novel p62 compositions for the prophylaxis and treatment of cancer and related methods. The invention also provides modified p62 compositions that increase the anti cancer activity of p62.

No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013
(21) Application No.2517/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALLOCATION OF MEMORY BUFFERS IN COMPUTING SYSTEM WITH MULTIPLE MEMORY CHANNELS

(51) International classification :G06F13/16
(31) Priority Document No :12/881663
(32) Priority Date :14/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051156
Filing Date :12/09/2011
(87) International Publication No :WO 2012/037002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :One AMD Place Sunnyvale CA 94088 U.S.A.
(72)**Name of Inventor :**
1)SADOWSKI Greg
2)ROGERS Philip J.

(57) Abstract :
A method computer program product and system are provided for associating one or more memory buffers in a computing system with a plurality of memory channels. The method can include associating a first memory buffer to a first plurality of memory banks where the first plurality of memory banks spans over a first set of one or more memory channels. Similarly the method can include associating a second memory buffer to a second plurality of memory banks where the second plurality of memory banks spans over a second set of one or more memory channels. The method can also include associating a first sequence identifier and a second sequence identifier with the first memory buffer and the second memory buffer respectively. Further the method can include accessing the first and second memory buffers based on the first and second sequence identifiers.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2013

(21) Application No.4961/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BABY FOOD PRODUCTS COMPRISING HYDROLYSED WHOLE GRAIN

(51) International classification :A23L1/10,A23L1/105,A23L1/29
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/069222
Filing Date :08/12/2010
(87) International Publication No :WO 2012/076057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland
(72)**Name of Inventor :**
1)ROGER Olivier Yves
2)SCHAFFER LEQUART Christelle
3)WAVREILLE Anne Sophie

(57) Abstract :
The present invention relates to a baby food product comprising at least one food ingredient selected from the group consisting of vegetables, fruits, meat, fish, egg, legumes, aromatic herbs, nuts and any combination thereof, a hydrolyzed whole grain composition, an alpha-amylase or fragment thereof, which alpha-amylase or fragment thereof shows no hydrolytic activity towards dietary fibers when in the active state, and wherein the baby food product has a viscosity in the range 301-1000 mPa.s.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2013

(21) Application No.5109/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR GENERATING ELECTRICITY FROM OCEAN WAVES

(51) International classification :F03B17/06,F03B3/12
(31) Priority Document No :12/971503
(32) Priority Date :17/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063775
Filing Date :07/12/2011
(87) International Publication No :WO 2012/082497
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHAN King Lung
Address of Applicant :671 Cypress Avenue Sunnyvale California 94085 U.S.A.
(72)**Name of Inventor :**
1)CHAN King Lung

(57) Abstract :
A device for converting kinetic energy of water waves to electrical power includes a turbine structure having multiple blades evenly attached to a first shaft a first pulley wheel attached to the first shaft a second pulley wheel attached to a second shaft disposed in parallel with the first shaft an electricity generator is attached to the second shaft and a platform is configured to support the turbine structure the platform having an upper deck and a lower deck coupled to each other via a hinge. The upper deck is tilted from the lower deck via the hinge such that the first shaft is positioned with an inclining angle with respect to the water surface. The inclining angle is configured such that a distance and time for each fin to travel under the water surface between the entry point and exiting point are maximized while being near the water surface.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014
(21) Application No.2152/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 5-FLUORO-URACIL IMMUNOASSAY

(51) International classification :G01N 33/53
(31) Priority Document No :11/053,480
(32) Priority Date :08/02/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/003674
Filing Date :02/02/2006
(87) International Publication No :WO/2006/086208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7000/DELNP/2007
Filed on :10/09/2007

(71)**Name of Applicant :**
1)SALADAX BIOMEDICAL INC.
Address of Applicant :115 Research Drive, Jordan Hall, Bethlehem, PA 18015, United States of America U.S.A.
(72)**Name of Inventor :**
1)SALAMONE, Salvatore

(57) Abstract :
Novel conjugates of 5-fluoro-uracil and novel 5-fhioro-uracil immunogens and monoclonal antibodies generated by these immunogens which are useful in immunoassays for the quantification and monitoring of 5-fluoro-uracil in biological fluids.

No. of Pages : 69 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2364/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL CHIRAL N-ACYL-5,6,7,(8-SUBSTITUTED)-TETRAHYDRO- [l,2,4]TRIAZOLO[4,3-a]PYRAZINES AS SELECTIVE NK-3 RECEPTOR ANTAGONISTS, PHARMACEUTICAL COMPOSITION, METHODS FOR USE IN NK-3 RECEPTOR MEDIATED DISORDERS AND CHIRAL SYNTHESIS THEREOF

(51) International classification :C07D487/04,A61K31/4985,A61P25/00
(31) Priority Document No :11183678.9
(32) Priority Date :03/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/069546
Filing Date :03/10/2012
(87) International Publication No :WO 2013/050424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOVEYDA Hamid
2)DUTHEUIL Guillaume
3)FRASER Graeme
4)ROY Marie Odile
5)EL BOUSMAQUI Mohamed
6)BATT Frdric

(57) Abstract :
The present invention relates to novel compounds of Formula I and their use in therapeutic treatments. The invention further relates to a novel chiral synthesis of 5 6 7 (8 substituted) tetrahydro [1 2 4]triazolo[4 3 a]pyrazines using N sp3 protective groups. The invention also provides intermediates for use in the synthesis of compounds of Formula I.

No. of Pages : 219 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2013

(21) Application No.3669/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BORONATES AS ARGINASE INHIBITORS

(51) International classification :C07F5/02,C07F5/04,A61K31/69
(31) Priority Document No :61/406760
(32) Priority Date :26/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056844
Filing Date :19/10/2011
(87) International Publication No :WO 2012/058065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :6885 Elm Street McLean Virginia 22101 U.S.A.
(72)**Name of Inventor :**
1)VAN ZANDT Michael
2)JAGDMANN JR. Gunnar Erik

(57) Abstract :
Compounds according to Formula I are potent inhibitors of Arginase I and II activity: (I) where R1, R2, R3, R4, D, W, X, Y, and Z are defined in the specification. The invention also provides pharmaceutical compositions of the compounds and methods of their use in treating or preventing a disease or a condition associated with arginase activity.

No. of Pages : 170 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2013

(21) Application No.5527/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BAG FOR DISTRIBUTING A PRODUCT FOR BIOPHARMACEUTICAL USE IN THE GENERAL STATE OF A LIQUID OR PASTE VIA A PLURALITY OF OUTLET PORTS

(51) International classification :A61J1/10
(31) Priority Document No :1059994
(32) Priority Date :01/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/052770
Filing Date :25/11/2011
(87) International Publication No :WO 2012/072924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SARTORIUS STEDIM BIOTECH S.A.
Address of Applicant :Z.I. des Paluds Avenue de Jouques F 13781 Aubagne France
(72)**Name of Inventor :**
1)MENDYK Nicolas

(57) Abstract :
The present invention relates to a flexible bag (1) for biopharmaceutical use including a shell (3) capable of receiving in the inner space (3a) thereof a flowable biopharmaceutical product in the general state of a liquid or paste and comprising flexible walls joined by fixed and sealed rigid connection areas (4) two opposite walls (5 and 6) of which are connected to each other by the peripheries (7) thereof at least one inlet port (9) and at least one outlet port (10) a port (9, 10) being combined with a passage of the shell (3) and mounted on said shell by fixed and sealed connection means (15) a plurality n of similar outlet ports (10) suitable for discharging the biopharmaceutical product received in the inner space (3a) and grouped together in a tapping area (12) a tapping wall (5) provided with at least one opening (14) for the passage and mounting of the outlet port (10) for the n similar outlet ports (10) fixed and sealed port shell (3) connection means (15) which are rigidly fixedly and sealingly connected to the tapping wall (5) around the at least one opening (14) for the passage and mounting of the outlet port (10) and an area (8) for folding the two opposite walls (5 and 6).

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2013

(21) Application No.5672/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICALLY GUIDED MEDICAL TUBE AND CONTROL UNIT ASSEMBLY AND METHODS OF USE

(51) International classification	:A61J15/00,A61M25/095,A61M25/092
(31) Priority Document No	:61/425730
(32) Priority Date	:21/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/066324 :20/12/2011
(87) International Publication No	:WO 2012/088201
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)UNIVERSITY OF UTAH RESEARCH FOUNDATION
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(72)**Name of Inventor :**
1)NIEMAN Timothy
2)PERRY Trent

(57) Abstract :
An optical medical tube and control unit assembly and methods of using the same are provided. The optical medical tube may include a steering mechanism and an imaging device which provides the user a visual aid when placing a tube in the body of a patient. The optical medical tube may be coupled to a coupling adaptor to enable quick and easy connecting of the imaging device and steering mechanism of the tube with a control unit such that a single control unit may be used to place multiple feeding tubes or confirm that a feeding tube remains in its proper position without the need for lengthy sterilization procedures between uses.

No. of Pages : 56 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2013
(21) Application No.5285/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR RECOVERING HYDROCARBONS FROM A POLYOLEFIN PURGE GAS PRODUCT

(51) International classification :C08F6/00,B01D53/14,C08J11/02
(31) Priority Document No :61/424300
(32) Priority Date :17/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064525
Filing Date :13/12/2011
(87) International Publication No :WO 2012/082674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BLOOD Mark W.
2)FORCE Randall L.
3)DUNCAN Theodore D.
4)SCHWARZ JR. George W.
5)MOSSER Daniel W.
6)FISCHER Donald A.
7)OLSON Robert D.
8)SWECKER James L.
9)SMITH Cloid Russell

(57) Abstract :
Provided are systems and methods for separating a purge gas recovered from a polyethylene product. The method includes recovering a polyethylene product containing one or more volatile hydrocarbons from a polymerization reactor and contacting the polyethylene product with a purge gas to remove at least a portion of the volatile hydrocarbons to produce a polymer product having a reduced concentration of volatile hydrocarbons and a purge gas product enriched in volatile hydrocarbons. The purge gas product is compressed to a pressure of 2,500 kPaa to 10,000 kPaa and is then cooled and separated into at least a first product a second product and a third product. A portion of one or more of the first second or third products is then recycled as a purge gas to the polymerization reactor or to the purge gas product enriched in volatile hydrocarbons prior to compression respectively.

No. of Pages : 55 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2013
(21) Application No.5286/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TURBINE ENGINE BLADE HAVING IMPROVED STACKING LAW

(51) International classification :F04D29/32,F01D5/14,F01D5/20
(31) Priority Document No :1060538
(32) Priority Date :15/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/053000
Filing Date :15/12/2011
(87) International Publication No:WO 2012/080669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PESTEIL Agn¨s
2)PERROT Vincent

(57) Abstract :
The invention relates to a turbine engine blade the airfoil of which extends radially between a blade root and an airfoil tip axially between a leading edge (2) and a trailing edge (3) and tangentially between a pressure side and a suction side (5) the profile of said blade consisting of a series of basic profiles in the form of a vane section stacked on one another along a so called stacking line connecting the centre of gravity of all the vane sections characterised in that the projection of said stacking line of the airfoil on at least one plane extending radially from the blade root comprises a double tangential inversion of the direction of the curvature thereof located in the last thirty percent of the height of the airfoil the projection plane being positioned substantially perpendicular to the chord of the blade.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2013
(21) Application No.5287/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNERGISTIC FUNGICIDAL INTERACTIONS OF 5 FLUOROCYTOSINE AND OTHER FUNGICIDES

(51) International classification :A01N43/54
(31) Priority Document No :61/423857
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062547
Filing Date :30/11/2011
(87) International Publication No :WO 2012/082370
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LORSBACH Beth
2)OWEN W. John
3)YAO Chenglin

(57) Abstract :
A fungicidal composition containing a fungicidally effective amount of a) a compound of Formula I and (b) at least one fungicide selected from the group consisting of
myclobutanil fenbuconazole difenoconazole trifloxystrobin pentiopyrad fluopyram boscalid mancozeb and pyrimethanil provides synergistic control of selected fungi.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2013
(21) Application No.5288/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNERGISTIC FUNGICIDAL INTERACTIONS OF AMINOPYRIMIDINES AND OTHER FUNGICIDES

(51) International classification :A01N25/26,A01N43/78
(31) Priority Document No :61/423866
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062551
Filing Date :30/11/2011
(87) International Publication No :WO 2012/082372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LORSBACH Beth
2)OWEN W. John
3)YAO Chenglin

(57) Abstract :
A fungicidal composition containing a fungicidally effective amount of a) a compound of Formula I and (b) at least one fungicide selected from the group consisting of
myclobutanil fenbuconazole difenoconazole trifloxystrobin penthiopyrad fluopyram boscalid mancozeb pyrimethanil and bixafen provides synergistic control of selected fungi.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2014
(21) Application No.5742/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAMERA CALIBRATION DEVICE CAMERA CALIBRATION METHOD AND CAMERA CALIBRATION PROGRAM

(51) International classification :G01B11/00
(31) Priority Document No :2012010640
(32) Priority Date :23/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007655
Filing Date :29/11/2012
(87) International Publication No :WO 2013/111229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)IKEDA Hiroo

(57) Abstract :
Provided is a camera calibration device with which it is possible to easily and highly precisely estimate camera parameters without installing special calibration equipment or carrying out a measurement of three dimensional coordinates of a reference point which is employed in the calibration. A normal vector acquisition means (81) acquires from an image of a camera to be calibrated a normal vector which is perpendicular to a reference horizontal plane. A rotational matrix estimation means (82) projects the obtained normal vector in a virtual plane for projection which is perpendicular to the horizontal plane which is the reference of the normal vector evaluates that the projected normal vector is perpendicular to the reference horizontal plane and estimates a rotational matrix which is to be employed in the camera calibration.

No. of Pages : 75 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2015

(21) Application No.11092/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR THE PREVENTION OF AGGREGATION OF VIRAL COMPONENTS

(51) International classification :A61K39/13,C12N7/00
(31) Priority Document No :13172263.9
(32) Priority Date :17/06/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2014/050395
Filing Date :17/06/2014
(87) International Publication No :WO 2014/204303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN T OEVER Arend Gesinus
2)BAKKER Wilfridus Adrianus Maria
3)THOMASSEN Yvonne Elisabeth

(57) Abstract :
The present invention relates to a method forprevention and/or reduction of aggregation of viral components.

No. of Pages : 68 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2451/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL METHYLCYCLOHEXANE DERIVATIVES AND USES THEREOF

(51) International classification :C07D207/16,C07D401/12,A61K31/4025
(31) Priority Document No :1020100094463
(32) Priority Date :29/09/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/007117
Filing Date :28/09/2011
(87) International Publication No :WO 2012/044046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)YI Han Ju
3)HWANG Sun Gwan
4)JEONG Mo Ses
5)YOON Yeo Jin
6)CHAE Sang Mi
7)PARK Joo Young
8)RYU Eun Ju

(57) Abstract :
A novel methylcyclohexane derivative and a pharmaceutical composition including the same that is effective for the prevention or treatment of pain.

No. of Pages : 54 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2665/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONFIGURING A SEQUENCE OF POSITIONS OF A CAMERA

(51) International classification :G06F3/048
(31) Priority Document No :61/386404
(32) Priority Date :24/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053308
Filing Date :26/09/2011
(87) International Publication No :WO 2012/040725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MEDHURST Kirsten A.
2)BOSTWICK Myles Daniel

(57) Abstract :
A method of configuring a camera to view a sequence of positions comprising the steps of displaying a graphical user interface displaying a plurality of thumbnails on the graphical user interface with the plurality of thumbnails having associated respective positions of the camera and the respective thumbnails in the plurality of thumbnails providing the field of view of the camera in the respective positions providing a workspace on the graphical user interface enabling a user to drag and drop thumbnails to the workspace and creating a tour for the camera based on the thumbnails in the workspace.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.4267/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING AMINES

(51) International classification	:C07C209/28,C07C213/08,C07D207/06
(31) Priority Document No	:12196518.0
(32) Priority Date	:11/12/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/076093 :10/12/2013
(87) International Publication No	:WO 2014/090806
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIST Benjamin
2)CHUSOV Denis Alexandrovich

(57) Abstract :
The present invention refers to a process for preparing amines comprising reacting a compound of the formula R 1-CO-R2 comprising a carbonyl moiety with a amine compound of the formula HNR¾ 4 and carbon monoxide in the presence of a catalys

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.4268/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTAINER METHOD AND CONTROL SYSTEM

(51) International classification :F01M1/18,F01M11/04,F16N19/00
(31) Priority Document No :12193246.1
(32) Priority Date :19/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074209
Filing Date :19/11/2013
(87) International Publication No :WO 2014/076319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GOODIER Steven Paul
4)O™MALLEY Mark

(57) Abstract :
A replaceable fluid container for an engine comprising: a reservoir for holding a fluid; a fluid coupling adapted to provide fluidic communication between the reservoir and a fluid circulation system of an engine; and a data provider arranged such that positioning the container to permit fluidic communication between the reservoir and the fluid circulation system of the engine arranges the data provider for data communication with an engine control device of the engine. There is also provided a method of facilitating control of an engine and an engine control system, apparatus and a vehicle.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.4269/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROTECTIVE HOUSING FOR A PLATFORM MOUNTED CAMERA

(51) International classification :G03B17/08,G08B13/196
(31) Priority Document No :1221244.5
(32) Priority Date :26/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/072071
Filing Date :22/10/2013
(87) International Publication No :WO 2014/079636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)REEKIE David
2)Bray Mark Edgar

(57) Abstract :
A protective housing (1) for a camera system mounted on a platform is described. The housing (1) is formed in a domed shape and covers sensitive optical systems. The housing (1) is mounted on or forms part of the external housing of the seeker system. The housing (1) is optically transparent whilst also being conductive. In this way, the housing (1) allows transmission of multiple wavelengths of radiation through the housing whilst also acting so as to reduce radar cross section of the platform (4) and preventing transmission of electromagnetic rf pulse in to the sensitive optical systems of the seeker system.

No. of Pages : 10 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2013

(21) Application No.5841/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR SUSPENSION CELL CULTURE

(51) International classification :C12N5/02
(31) Priority Document No :61/429931
(32) Priority Date :05/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020378
Filing Date :05/01/2012
(87) International Publication No :WO 2012/094532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DENNING Gabriela D.c.
2)GAUTNEY Richard E.

(57) Abstract :
A system and method of adapting host cells to suspension cell culture and a suspension cell line produced thereby are disclosed. The method includes the serial replating of substantially undiluted culture cells onto a surface area until cell clumps are visualized and then upon cell clumping moving the cells into avsuspension culture system.

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3418/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIGITAL LOX INDICATOR/TRANSMITTER

(51) International classification :F17C13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UMAKANT

(57) Abstract :
The present design has ability to measure small capacitance (50-1 OOpF) provided by LOX converter. This unit has flexibility for adoption of any Variable Capacitance based LOX Converter through tuning of hardware and Software. Further, the output frequency of the unit can also be changed as per requirement as it is software programmable. This technology can also be used for other applications where capacitance type of sensors are available.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3419/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DESIGN & DEVELOPMENT OF AN APPARATUS FOR TORQUE TESTING OF SPRINGS

(51) International classification :G09B23/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAVAN KUMAR SAXENA
2)SANTOSH KUMAR JHA

(57) Abstract :
This apparatus has been designed and developed for torque testing of spring used in various systems for aircraft application. . In this process, spring to be tested is mounted on the locating pin. One end of the spring is locked using a dowel pin and torque is provided on the other end. The angle of rotation of the spring for a given torque can be measured against the angle marked on bottom plate using a stylus.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2013

(21) Application No.3500/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MICROWAVE DEVICE AND FLOW TUBE THEREOF

(51) International classification :B01J19/12,H05B6/80
(31) Priority Document No :2010221567
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072443
Filing Date :29/09/2011
(87) International Publication No :WO 2012/043753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SAIDA Hisato
2)ODAJIMA Hiromichi
3)OHNEDA Noriyuki
4)YOKOZAWA Saori

(57) Abstract :
This microwave device which uses a single mode cavity resonator increases the flux of processed liquid and enables even and efficient processing. The microwave device relating to one embodiment of the present invention is configured containing: a single mode cavity resonator having an irradiation chamber that is a rectangular prism cavity or a cylindrical cavity; a flow tube installed in the irradiation chamber along the axial line with respect to the direction of the electric field arising in the irradiation chamber; and an obstruction means that has a different dielectric constant from the processed liquid flowing through the flow tube and that is housed within the flow tube disturbing the flow of the processed liquid.

No. of Pages : 71 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2013
(21) Application No.3501/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING AN ACRYLOYLOXYSILANE

(51) International classification :C07F7/08
(31) Priority Document No :61/388079
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052331
Filing Date :20/09/2011
(87) International Publication No :WO 2012/050761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHOU Xiaobing

(57) Abstract :
A process for preparing an acryloyloxysilane, the process comprising reacting a metal salt of a carboxylic acid having the formula [CR22=CR1COO-]aMa+ (I), with a haloorganoalkoxysilane having the formula XR3Si(OR4)nR53_n (II) in the presence of mineral spirits and a phase transfer catalyst at a temperature of from 50 to 160 °C to form a mixture comprising an acryloyloxysilane and a metal halide having the formula Ma+X-a (III), wherein R1 is H or C1 -C6 hydrocarbyl, each R2 is independently R1 or [COO-]aMa+, Ma+ is an alkali metal cation or alkaline earth metal cation, a is 1 or 2, X is halo, R3 is C1 -C6 hydrocarbylene, each R4 is independently C1 -C10 Q hydrocarbyl, each R5 is independently R1 and n is an integer from 1 to 3.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2013
(21) Application No.3502/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MATERIAL THAT CONTAINS EXPANDED VOLCANIC GLASS

(51) International classification :C04B28/26
(31) Priority Document No :A 1641/2010
(32) Priority Date :30/09/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000403
Filing Date :30/09/2011
(87) International Publication No :WO 2012/040759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WUSTINGER Horst

(57) Abstract :
The invention relates to a material that is formed by heating a mixture of grains of expanded volcanic glass and water glass in an aqueous solution by means of microwaves. Saccharides are added to the mixture to be cured by microwaves. In addition to other advantages a higher strength of the formed material is thus achieved. The material is especially advantageous as a thermally insulating panel for building insulation.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2015

(21) Application No.5887/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DELIVERING A PLURALITY OF SIMULTANEOUS SESSIONS TO A CLIENT VIA A RADIO ACCESS NETWORK

(51) International classification :H04W28/02,H04W72/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2013/050065
Filing Date :29/01/2013
(87) International Publication No :WO 2014/120052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ERIKSSON Ann Christine
4)MATHIASEN Dan
5)K–LHI Johan
6)SINTORN Mathias
7)LOHMAR Thorsten

(57) Abstract :
A method (300) of a network node for delivering a plurality of simultaneous sessions to a client via a Radio Access Network (RAN) is provided. The method comprises identifying (301) a streaming session , reshaping (302) the streaming session into a sequence of bursts and silent periods identifying(303) at least one non- time -critical session , reshaping(304) the at least one non- time -critical session into respective sequences of bursts and silent periods , and transmitting (305) the sequences of bursts and silent periods to the RAN. The reshaping (304) of the non -time- critical sessions is performed such that bursts , or silent periods or both of the at least one non -time -critical session are aligned with bursts ,silent periods , or both , respectively of the streaming session. By timely aligning the respective bursts and silent periods with each other the duration of common silent periods may be increased thereby utilizing air interface resources more efficiently. In addition a method of a client for receiving a plurality of simultaneous sessions via a RAN is provided.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2014
(21) Application No.2078/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REMOTE BROWSING SESSION MANAGEMENT

(51) International classification :G06F17/30
(31) Priority Document No :13/219521
(32) Priority Date :26/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052068
Filing Date :23/08/2012
(87) International Publication No :WO 2013/032857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JENKINS Jonathan A.
2)TAYLOR Brett R.

(57) Abstract :
A remote browsing process is directed to the generation and management of a remote persistent browsing context at a network computing provider. A client computing device requests a remote persistent browsing context instance at a network computing provider. The network computing provider provides processing results corresponding to processed representations of requested content to the client computing device. The persistent browsing context may be maintained at the network computing provider subsequent to the user ending his interaction with the browser application at the client device. A client computing device may subsequently request access to the persistent browsing context maintained at the network computing and storage device.

No. of Pages : 87 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2014

(21) Application No.3075/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEMI - AUTOMATIC PILLION SEAT FIXING MECHANISM

(51) International classification :A63H17/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)Singh Kunal
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(72)**Name of Inventor :**
1)Rana Sourav
2)Sharma Sahil
3)Singh Kunal
4)Kumar Viney
5)Deol Gurdeep Singh

(57) Abstract :
The invention discloses a semi-automatic pillion seat fixing mechanism in which the problem of pillion seat attachment has been sorted out by automating the seating system. The best possible way to automate the seating system is by using a box having extra seat embeded in it fixed on the rear mudguard of the single seater bikes.A sliding cover is provided which can easily be slided to get the portable seat. The seat is fixed to the box by means of springs. To get the seat back into the box, a cable is provided which is attached directly to the driver's feet (left or right side) which can be actuated by means of pull-push mechanism or by placing small size gear on which it can be rolled.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2014

(21) Application No.5337/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MANUFACTURING ESTER COMPOSITION AND RESIN COMPOSITION

(51) International classification	:C08G63/183,C08G63/82,C08L67/03
(31) Priority Document No	:1020130051617
(32) Priority Date	:08/05/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/005920 :03/07/2013
(87) International Publication No	:WO 2014/181920
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The present invention relates to a method for manufacturing an ester composition and a resin composition comprising same. The present invention can appropriately manufacture a plasticizer composition having improved processability due to better absorption speed with respect to resin and reduced melting time thereby providing superior physical properties when processed with resin.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2014

(21) Application No.5338/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS AS PROTEIN KINASE INHIBITORS

(51) International classification :C07D 213/74
(31) Priority Document No :60/869,299
(32) Priority Date :08/12/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/085304
Filing Date :20/11/2007
(87) International Publication No :WO/2008/073687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3951/DELNP/2009
Filed on :20/11/2007

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3)MARSILJE Thomas H.
4)LU Wenshuo
5)CHEN Bei
6)UNO Tetsuo
7)JIN Yunho
8)JIANG Tao

(57) Abstract :
The invention provides novel pyrimidine and pyridine derivatives and pharmaceutical compositions thereof, and methods for using such compounds. For example, the pyrimidine and pyridine derivatives of the invention may be used to treat, ameliorate or prevent a condition which responds to inhibition of anaplastic lymphoma kinase (ALK) activity, focal adhesion kinase (FAK), zeta-chain-associated protein kinase 70 (ZAP-70), insulin-like growth factor (IGF-1R), or a combination thereof.

No. of Pages : 200 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015
(21) Application No.5897/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF SHAPING UNCOILED BLANK

(51) International classification :B21D35/00
(31) Priority Document No :201310157672.9
(32) Priority Date :28/04/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/076357
Filing Date :28/04/2014
(87) International Publication No :WO 2014/177036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)QIAO Junliang
5)PAN Shengbo
6)WU Ruimin
7)XIANG Qian

(57) Abstract :
Disclosed is a method of shaping an uncoiled blank comprising the following steps: 1) uncoiling a steel roll; cleaning (2) and flattening (3) the steel strip after uncoiling the steel roll and introducing same into a blank area via pinch rolls (5); 2) lasering a blank; introducing the steel roll into the blank area using a blank lasering method cutting into a piece of material of the required form via a laser cutting head (6) and dropping and outputting wastage; 3) outputting the piece of material; conveying the piece of material via a magnetic telescopic belt conveyor and handling same into a punching process via a manipulator or a robot; 4) punching and shaping; punching (11) the piece of material and machining into a workpiece; and 5) testing; testing the workpiece and storing same in a warehouse (13). The method realises the serial connection and matching of the blank line and the punching and shaping line reducing the intermediate links such as stacking packing transport locating unpacking handling positioning and centring and turnaround sites of the piece of material and the punched and shaped workpiece thereby simplifying the workflow.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2014

(21) Application No.1352/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS METHOD AND ARTICLE FOR RESERVING POWER STORAGE DEVICES AT RESERVING POWER STORAGE DEVICE COLLECTION CHARGING AND DISTRIBUTION MACHINES

(51) International classification :H02J7/00
(31) Priority Document No :61/511900
(32) Priority Date :26/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048382
Filing Date :26/07/2012
(87) International Publication No :WO 2013/016564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)HUANG Chien Ming
6)CHAN TsungTing
7)CHEN Shen Chi
8)YANG Feng Kai

(57) Abstract :
A network of collection charging and distribution machines collect charge and distribute portable electrical energy storage devices (e.g. batteries supercapacitors or ultracapacitors). Locations of collection charging and distribution machines having available charged portable electrical energy storage devices are communicated to or acquired by a mobile device of a user or displayed on a collection charging and distribution machine. The locations are indicated on a graphical user interface on a map on a user s mobile device relative to the user s current location. The user may use their mobile device select particular locations on the map to reserve an available portable electrical energy storage device. The system nay also warn the user that the user is near an edge of the pre determined area having portable electrical energy storage device collection charging and distribution machines. Reservations may also be made automatically based on information regarding a potential route of a user.

No. of Pages : 77 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1546/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PIPERAZINE SUBSTITUTED BENZOTHIOPHENE DERIVATIVES AS ANTIPSYCHOTIC AGENTS

(51) International classification	:C07D409/12,A61K31/4704,A61P25/00
(31) Priority Document No	:61/532393
(32) Priority Date	:08/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/JP2012/073556 :07/09/2012
(87) International Publication No	:WO 2013/035892
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)MIYAMOTO Motoyuki
4)NAKAMURA Yuichi
5)KURODA Hideaki
6)MINOWA Takuya

(57) Abstract :
Provided is a superior novel heterocyclic compound with improved solubility in oil such as sesame oil and benzyl benzoate which has a broader treatment spectrum causes less side effects and is superior in tolerability and safety and use thereof. A heterocyclic compound represented by the formula (I) wherein each symbol is as defined in the specification or a salt thereof.

No. of Pages : 336 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2015

(21) Application No.5891/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PREPARING 3-AMINOMETHYL -3,5, 5 TRIMETHYL CYCLOHEXYLAMINE

(51) International classification :C07C211/35,C07C209/48,C07C209/52
(31) Priority Document No :NA
(32) Priority Date :01/01/1990
(33) Name of priority country :PCT
(86) International Application No :PCT/CN2012/086169
Filing Date :07/12/2012
(87) International Publication No :WO 2014/086039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CUI Jiaoying
5)WANG Jing
6)LI Fuguo
7)LV Chengge
8)ZHAO Wenjuan
9)LI Yuan
10)HUA Weiqi

(57) Abstract :
The present invention provides a method for preparing 3-aminomethyl- 3,5,5 -trimethyl cyclohexylamine. The method comprises: a) reacting 3-cyano-3,5,5-trimethyl cyclohexanone with excess primary amine, while removing the water produced by the reaction, so that IPN is substantially completely converted into an imine compound; b) in the presence of an aminolysis catalyst, mixing the product resulted fixim step a) with liquid ammonia so as to the imine compound is ammonolyzed to give 3-cyano-3,5,5- trimethyl cyclohexylimine and the primary amine; and c) performing a hydrogenation reaction to 3-cyano -3,5,5 -trimethyl cyclohexylimine obtained in step b) to give 3-aminomethyl-3,5,5 -trimethyl cyclohexylamine in the presence of hydrogen and a hydrogenation catalyst. The method of the present invention avoids the generation of 3,5,5-trimethyl cyclohexanol and 3-aminomethyl -3,5,5- trimethyl cyclohexanol as major byproducts in the prior art, thereby improving the yield of 3-aminomethyl-3 ,5,5-trimethyl cyclohexylamine.

No. of Pages : 18 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.5892/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI IMPACT FORCE APPARATUS

(51) International classification :F16H21/16,F16H35/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/001670
Filing Date :10/12/2012
(87) International Publication No :WO 2014/089720
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOUCHING,LU
(72)**Name of Inventor :**
1)LU Kuo Ching

(57) Abstract :
Disclosed is an anti impact force apparatus consisting of an object capable of performing a circular motion a connecting rod (2) push rods (5) a protective plate (4) a spring (6) a bearing (3) a push rod bracket (8) and a base (7). When the protective plate (4) is subjected to impact the plurality of groups of push rods (5) can move simultaneously to firstly buffer an introduced linear impact force via extrusion of the spring (6) then the connecting rod (2) pushes the object capable of performing a circular motion to rotate to convert the linear impact force into a circular motion force instantly converting the impact force into an anti impact force and the push rods are pulled back to an original impact point to push away an impactor offsetting or weakening damage caused by the impact force. The present invention can effectively realize the protection of an object.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.5898/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHAIN EXTENDING POLOXAMERS THERMOREVERSIBLE HYDROGELS FORMED BY THEM WHICH INCLUDE BIOLOGICAL MATERIALS AND MEDICINAL APPLICATIONS OF SAME

(51) International classification	:C08G18/48,A61K47/10,A61K47/34
(31) Priority Document No	:10 2012 223 416.0
(32) Priority Date	:17/12/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/076966 :17/12/2013
(87) International Publication No	:WO 2014/095915
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)SCHIEKER Matthias

(57) Abstract :
In accordance with the invention there are provided thermoreversible hydrogels which are made of chain extending poloxamers and which have advantageous properties. Moreover the invention provides thermoreversible hydrogels which include biological materials and a method for making them thermoreversible hydrogels which include live cells application systems for pharmaceutical applications and an in vitro method for forming a composition on a surface.

No. of Pages : 46 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.5899/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAPACITIVE SENSOR INTEGRATED ONTO SEMICONDUCTOR CIRCUIT

(51) International classification :G01N27/22
(31) Priority Document No :13305026.0
(32) Priority Date :11/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050097
Filing Date :06/01/2014
(87) International Publication No :WO 2014/108371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DRLJACA Predrag
3)BEELER Daniel
4)GALLORINI Romuald
5)DUCERE Vincent

(57) Abstract :
There is disclosed a capacitive sensor on a passivation layer of a semiconductor circuit such as an ASIC and a method for manufacturing such sensor. The system and method may comprise: forming a bottom electrode layer and landing pad (520) on a portion of the passivation layer located over active circuitry of the ASIC; forming a gas sensitive layer (530) onto the bottom electrode layer and the landing pad; creating a via (540) through the gas sensitive layer to expose a portion of the landing pad; forming a top electrode layer (550) onto the gas sensitive layer wherein the top electrode layer completely overlays a surface area of the bottom electrode layer and wherein the forming process for the top electrode layer deposits a portion of the top electrode layer into the via hole thereby forming an electrical connection between the top electrode layer and the landing pad.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

(21) Application No.6042/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AXEL BUSH

(51) International classification :F16C33/04,F16C17/00,F16C43/02
(31) Priority Document No :61/735980
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2013/001493
Filing Date :20/12/2013
(87) International Publication No :WO 2014/089642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MCKINNON Peter

(57) Abstract :
An assembled roller 200 comprising a bylindrical bush (210) having eight external rib surface features (212) and an over molded roller (230). The joining edge (214) of the opposing component parts (216 218) comprises in axial end profile a ramp section (220) comprising a ramp surface (222). The ramp surfaces lie in planes that are parallel or slightly offset by 1° 20° to the direction or angle of approach of the respective opposed component pail (216 218) immediately prior to engagement so that the ramp surfaces (222) are adapted to slidingly engage across ramp surfaces in a resistance rather than snap fit. This arrangement forms a catch that will hold the part halves (216 218) together during an over molding process as long as the ends of the bush are retarded against axial displacement.

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6043/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING MOTOR VEHICLE LOCKS WITH LATCH SURFACES ASSOCIATED WITH A PUZZLE PART

(51) International classification :E05B85/26,E05B77/36,E05B77/40
(31) Priority Document No :10 2012 024 303.0
(32) Priority Date :12/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000771
Filing Date :11/12/2013
(87) International Publication No :WO 2014/090216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BENDEL Thorsten
2)POHLE Werner
3)WALDMANN Thomas

(57) Abstract :
In order to minimize the sliding friction appearing between the pawl (5) and the rotary latch (2) of a motor vehicle door lock (1) it is advantageous if during the production process the various catch surfaces (12 13) of both locking parts (30 31) are associated with one or also two puzzle components (50 51) said puzzle components (50 51) being inserted into the main latch area (49) of the pawl (5) or rotary latch (2) in a secured position in correspondingly adapted puzzle shaped contours (53 54). Said edge surfaces (55) and/or (56) can advantageously compensate the effect of the adverse stamped contours (11 or 14) present on the other locking part (30 31) such that both locking parts (30 31) are in mutual contact reducing the friction.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2003

(21) Application No.550/DEL/2003 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNERGISTIC TOPICALLY APPLIED PERSONAL HYGIENE PRODUCT

(51) International classification	:A61K 31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DR. SAMUEL C. EVANS

(57) Abstract :
The present invention provides a synergistic topically applied personal hygiene product comprising 8 to 12 % by wt. of Povidone-Iodine complex, 0.5 to 1.0 % by wt. of potassium iodide, 1 to 10 % by wt. of phosphate, 5 to 15 % by wt. chlorhexidine acetate, 5 to 20 % by wt. of alcohol, 1 to 5 % by wt. of citric acid and the remaining being pharmaceutically acceptable excipients which provides disinfection against commonly known pathogens and prevents transmission of most of the sexually transmitted diseases and a process for preparing the same.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6050/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROCKET ENGINE ROCKET AND METHOD FOR STARTING ROCKET ENGINE

(51) International classification :F02K9/64,B64G1/00,F02K9/46
(31) Priority Document No :2013030410
(32) Priority Date :19/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/053611
Filing Date :17/02/2014
(87) International Publication No :WO 2014/129419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A rocket engine is provided with a fuel flow path (31 39) a catalyst part (51) a turbine (12) a first pump (11) a combustion chamber (21) and a nozzle (22). Hydrocarbon based fuel flows through the fuel flow path (31 39). The catalyst part (51) is provided in the middle of the fuel flow path (31 39) and gasifies the fuel. The turbine (12) is driven by the gasified fuel. The first pump (11) supplies the fuel to the fuel flow path (31 39) by the driving of the turbine (12). The combustion chamber (21) burns the gasified fuel supplied from the fuel flow path (31 39) and an oxidizing agent. The nozzle (22) delivers combustion gas in the combustion chamber (21) and is cooled by heat exchange with part of the fuel flow path (31 39).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6051/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PACKAGE

(51) International classification :B65D85/16
(31) Priority Document No :2012284899
(32) Priority Date :27/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/084944
Filing Date :26/12/2013
(87) International Publication No :WO 2014/104215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TAKAKU Kenji

(57) Abstract :
The purpose of the present invention is to provide a package capable of displaying a characteristic property etc. of the articles stored therein in a manner that is intuitive and easy to understand and that conserves space. This package (1) stores multiple absorbent articles (2) therein and a hologram (40) is displayed on the package (1) outer surface (7) which is the front surface when displayed. A first image that is seen when the hologram (40) is viewed from one direction and a second image that is seen when viewed from another direction show a characteristic or a property of the absorbent article (2) before and after a change in state. Since the characteristic or property of the absorbent article (2) is thus represented as an animation with two images showing a change in state it is easy to understand intuitively.

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6052/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL OF WIND TURBINES

(51) International classification :F03D7/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DK2013/050022
Filing Date :25/01/2013
(87) International Publication No :WO 2014/114295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)KJ†R Martin Ansbjerg

(57) Abstract :
A method of controlling a wind turbine is described. The method involves forecasting the temperature evolution of a component of the wind turbine based upon the current operating parameters of the wind turbine and upon a required power output; predicting from the temperature forecast a future alarm event caused by the temperature of the component exceeding a first threshold level or falling below a second threshold level; and adjusting the operating parameters of the wind turbine to control the temperature evolution of the component thereby to avoid or delay the predicted alarm event.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.6053/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL STORAGE APPARATUS AND STARTUP METHOD

(51) International classification :H02J9/06,H01M10/44,H02J7/00
(31) Priority Document No :2013006298
(32) Priority Date :17/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/007150
Filing Date :05/12/2013
(87) International Publication No:WO 2014/111999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OKADA Masami

(57) Abstract :
An electrical storage apparatus is provided with: a control unit a charge/discharge management unit and an electric current generation unit connected via an input/output unit and an electrical storage unit connected to the charge/discharge management unit and connected via a switch to the electric current generator.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014
(21) Application No.4898/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF CHARGED FLUOROCARBON COMPOSITIONS IN METHODS FOR PURIFICATION OF BIOMOLECULES

(51) International classification :C07K1/16,C07K1/34,C12Q1/70
(31) Priority Document No :61/615609
(32) Priority Date :26/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032768
Filing Date :18/03/2013
(87) International Publication No :WO 2013/148389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)POTTY Ajish
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(57) Abstract :
The present invention relates to novel and improved methods for the purification of biomolecules. In particular the present invention relates to methods of protein purification which employ a porous solid support modified with a charged fluorocarbon composition.

No. of Pages : 70 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2012

(21) Application No.591/DEL/2012 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PUNCTURE RESISTANT TYRE ASSEMBLY

(51) International classification :B29D30/0
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MALICK SURINDER SINGH

(57) Abstract :
A tyre assembly that is resistant to punctures includes an inner tube provided with a nipple configured thereon for facilitating inflation of said inner tube with a compressed fluid; a tyre circumscribing said inner tube which can be mounted on a wheel rim; and a resilient metallic strip disposed between said inner tube and said tyre, said resilient metallic strip adapted to press against said inner wall of said tyre for preventing a sharp article from piercing through and puncturing said inner tube, thereby preventing deflation of said tyre assembly due to escape of said compressed fluid from said inner tube.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6055/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI THEFT DEVICE FOR A FUEL TANK

(51) International classification :B60K15/04,B67D7/32
(31) Priority Document No :13500863
(32) Priority Date :28/01/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2014/050099
Filing Date :27/01/2014
(87) International Publication No :WO 2014/116178
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to an anti theft device for fuel tanks (8) wherein the anti theft device comprises a pipe (1) to be secured to a fuel inlet (9) wherein the pipe (1) comprises attachment means (2) at its upper portion (1A) furthermore the pipe (1) comprises at least one opening (5) disposed in the side wall of the pipe wherein the pipe (1) is closed at a lower portion (1B) and that said pipe (1) accommodates a substance (G) wherein said substance (G) is adapted in the event of a fuel theft attempt to be carried with the fuel into the pump used during the theft attempt and thereby prevent continued pumping with it and that the substance (G) is further adapted to be incapable of leaking into the actual fuel tank (8).

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6056/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR SEPARATING OVERSPRAY

(51) International classification :B05B15/12,B01D46/42
(31) Priority Document No :10 2013 001 982.6
(32) Priority Date :05/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/000106
Filing Date :16/01/2014
(87) International Publication No :WO 2014/121888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SLUKA Daniel

(57) Abstract :
The invention relates to a device for separating overspray from the booth air of coating booths in particular painting systems charged with overspray. Said device comprises a separation unit (50) through which booth air charged with overspray can be guided and in which overspray is separated. Said separating unit (50) is designed as an exchangeable structural unit comprising a filter housing (56) an inlet opening (58) and a filter unit (60). The air flow charged with overspray can be guided via the air guiding device (38) to the separation unit (50). Said separating unit (50) comprises an inlet collar (82) which defines the inlet (58) at least in sections and the air guiding device (38) comprises a connecting sleeve (46) which immerses in such a manner into the inlet opening (58) when the separating device (50) is in operation in such a manner that said connecting sleeve (46) is surrounded by the inlet collar (82) of the separation unit (50).

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6057/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BUILT IN EXHAUST GAS MANAGEMENT DEVICE

(51) International classification :F02M25/07,F28D7/16,F28D21/00
(31) Priority Document No :12382491.4
(32) Priority Date :11/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/076063
Filing Date :10/12/2013
(87) International Publication No :WO 2014/090792
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a gas management device suitable for being installed at the outlet o fa particle filter or of a catalytic converter. This device is characterized by a very compact configuration having at least the heat exchanger for an EGR (Exhaust Gas Recirculation) system particularly suitable for a low pressure system and an exhaust gas discharge pipe which is part of the exhaust line. According to one embodiment the device also allows integrating a bypass valve for the EGR heat exchanger. According to another embodiment the device allows integrating a heat recovery unit participating in the EGR system. According to another embodiment the device also allows both including a bypass and including a heat recovery unit. The degree of integration with the particle filter of the catalytic converter is maintained in all cases.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2014

(21) Application No.5774/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHTING APPARATUS

(51) International classification :F21S6/00,F21V21/14,F21V17/00
(31) Priority Document No :1020110146102
(32) Priority Date :29/12/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/011792
Filing Date :28/12/2012
(87) International Publication No :WO 2013/100728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a lighting apparatus comprising a base part facilitating members a lighting part and a light connection part wherein the light connection part comprises a hole a light supporting member a coupling part and an elastic part and the lighting part is provided with a light source case in which a light source is fixed the light source case comprising upper and lower cases coupled to each other in which the upper case is provided with an upper protruding part at the end of one side thereof and the lower case is provided with a lower protruding part and the upper and lower protruding parts are coupled to each other so as to be fixed on the coupling part.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2014

(21) Application No.5775/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHTING APPARATUS

(51) International classification :F21S6/00,F21V21/14,F21V17/00
(31) Priority Document No :1020110146111
(32) Priority Date :29/12/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/011794
Filing Date :28/12/2012
(87) International Publication No :WO 2013/100729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a lighting apparatus comprising a base part a first facilitating part a lighting part and a base connection part wherein the base connection part comprises: a rotatable member connected so as to be rotatable with respect to the base part; a base cam fixed with respect to the rotatable member and provided in the central part thereof with a base cam through hole formed penetrably; a columnar main shaft which is provided in the through hole of the base cam so as to enable tilting movements accomplished by clockwise and counter clockwise rotations thereof with respect to the central rotational tilt axis which is at right angles to the lengthwise direction of the first facilitating member and which has one end of the first facilitating part fixedly connected to the top part thereof; and an elastic member provided so as to change the elastic support applied to the main shaft on the basis of the tilting movements of the main shaft.

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2014

(21) Application No.5919/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OXIDATION TANK SEAWATER FLUE GAS DESULFURIZATION SYSTEM AND POWER GENERATION SYSTEM

(51) International classification	:B01D53/50,B01D53/56,B01D53/77
(31) Priority Document No	:2012019080
(32) Priority Date	:31/01/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/051640 :25/01/2013
(87) International Publication No	:WO 2013/115108
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)YOSHIMOTO Takashi
2)OKINO Susumu
3)KAGAWA Seiji
4)NAKASHOJI Hiroshi

(57) Abstract :
This oxidation tank (12) is characterized by comprising: a diluted seawater supply line (L14) which is coupled to a tank body in order to supply diluted seawater (13b) for dilution to sulfur content absorbed seawater (14) containing sulfur content and discharged from a flue gas desulfurization absorption tower (11); an aeration device (31) which is provided in the tank body and supplies air (33) to the sulfur content absorbed seawater (14) discharged from the flue gas desulfurization absorption tower (11); and a dissolved oxygen concentration measurement device (32) which is provided in the tank body and measures the dissolved oxygen concentration in the sulfur content absorbed seawater (14) and adjusting the air quantity to be supplied from the aeration device (31) to the sulfur content absorbed seawater (14) on the basis of the relation between the previously acquired length of the oxidation tank (12) and the dissolved oxygen concentration in the sulfur content absorbed seawater (14).

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6060/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL CHARACTERISTIC MEASUREMENT DEVICE

(51) International classification	:G01N27/02,G01N27/22,G01N33/48
(31) Priority Document No	:2013007701
(32) Priority Date	:18/01/2013
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/082452 :03/12/2013
(87) International Publication No	:WO 2014/112227
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAYASHI Yoshihito
2)KATSUMOTO Yoichi
3)BRUN Marcaurele
4)TOYOIZUMI Teppei

(57) Abstract :
Provided is an electrical characteristic measurement device that can precisely measure the electrical characteristics of blood. The electrical characteristic measurement device which has a measurement unit that measures the electrical characteristics of blood that is the subject of measurement and filling a sample vessel by imposing a voltage between an electrode pair of the sample vessel provided with one or more pairs of electrodes is provided with a rotary mechanism that rotates the sample vessel to any given angle and the electrical characteristics of blood are measured over time by the measurement unit while rotating the sample vessel by means of the rotary mechanism for example intermittently in a rotational manner and/or alternating turning forward and turning backward.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.2512/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VEGETARIAN NUTRITIONAL COMPOSITION OF VITAMIN D3

(51) International classification	:C07J75/00, B01J19/08, C07C401/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KAMRA PAWAN
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(72)**Name of Inventor :**
1)KAMRA PAWAN

(57) Abstract :
The invention comprises a composition of Vitamin D3 packed in a suitable dosage form e.g. cellulose capsules. The capsule shell is completely vegetarian being made of cellulose unlike the existing commercially available formulations which are made of gelatin. The source of Vitamin D3 is sea buckthorn oil which contains Vitamin D3 in large quantities, sufficient to pack in a single dosage form of 500 mg capsule. The oil is extracted using a novel, super critical CO2 extraction (SCE-CO2) process. In this process, CO2 in its super critical (fluid) state (attained at parameters of 300-350 bar pressure and 35-45 degrees Celsius temperature) is passed through the raw plant/fruit material, at about, resulting in extraction of useful components without destroying biological activity.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014

(21) Application No.36/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND NUCLEIC ACIDS FOR DETERMINING THE PROGNOSIS OF A CANCER SUBJECT

(51) International classification :C12Q1/68
(31) Priority Document No :61/505919
(32) Priority Date :08/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/063436
Filing Date :09/07/2012
(87) International Publication No :WO 2013/007702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LEWIN Joern
2)KRISPIN Manuel

(57) Abstract :
The invention provides methods nucleic acids and kits for determining the prognosis of a subject having cancer. The invention discloses genomic sequences the methylation patterns of which have utility for the improved detection of said disorder thereby enabling the improved diagnosis and treatment of patients.

No. of Pages : 715 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014

(21) Application No.40/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A FAN

(51) International classification :F04D29/42,F04D29/44,F24F1/01
(31) Priority Document No :1112219.9
(32) Priority Date :15/07/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051432
Filing Date :21/06/2012
(87) International Publication No :WO 2013/011270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ADKIN Mark
3)TIBBETTS David

(57) Abstract :
A fan assembly (202) for generating an air flow within a room includes an impeller (22) and a motor (26) for driving the impeller to draw an air flow into the fan assembly and a casing having an interior passage (202) with a scroll section having a cross sectional area that decreases from a scroll inlet section (234) to a scroll outlet section (236). The scroll inlet section has an inlet port (238) for receiving the air flow and the scroll outlet section (236) has an outlet port (240) for returning a first portion of the air flow to the scroll inlet section (234). The scroll section includes an air outlet for emitting a second portion of the air flow from the casing. The casing defines a bore (222)through which air from outside the fan assembly is drawn by the air emitted from the air outlet (208).

No. of Pages : 51 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6072/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INHIBITORY OLIGONUCLEOTIDES AND THEIR USE IN THERAPY

(51) International classification :C12N15/117,A61K31/7088,C07H21/00
(31) Priority Document No :13151106.5
(32) Priority Date :14/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050453
Filing Date :13/01/2014
(87) International Publication No :WO 2014/108529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)UHLMANN Eugen
2)JURK Marion
3)LEHMANN Thomas

(57) Abstract :
Inhibitory oligonucleotide having the general formula: (I) are disclosed which can be used in pharmaceutical compositions whereby in formula (I) C is cytidine or a derivative thereof whereby the cytidine derivative is selected from the group consisting of 5 methylcytidine a cytidine like nucleotide having a chemical modification involving the cytosine base cytidine nucleoside sugar or both the cytosine base and the cytidine nucleoside sugar 2 0 methylcytidine 5 bromocytidine 5 hydroxycytidine ribocytidine and cytosine P D arabinofuranoside G is guanosine or a derivative thereof whereby the guanosine derivative is selected from the group consisting of 7 deazaguanosine a guanosine like nucleotide having a chemical modification involving the guanine base the guanosine nucleoside sugar or both the guanine base and the guanosine nucleoside sugar X and X is any nucleotide sequence with 0 to 12 bases and each nucleotide is independent of any other X is any nucleotide sequence having 0 to 3 nucleotides N and N are each independently any nucleotide N and N is a pyrimidine or a modified pyrimidine N is a purin or a modified purin N is a modified pyrimidine A or a modified purin wherein at least two of the nucleotides N N N or Nare modified purins or modified pyrimidines.

No. of Pages : 113 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014
(21) Application No.1683/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR SURFACE TREATMENT AND BARRIER COATING OF FIBERS FOR IN SITU CNT GROWTH

(51) International classification :C23C 16/00
(31) Priority Document No :61/157,096
(32) Priority Date :03/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/025654
Filing Date :26/02/2010
(87) International Publication No :WO 2010/101784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5979/DELNP/2011
Filed on :04/08/2011

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1)MALECKI HARRY C.
2)ALBERDING MARK R.
3)MALET BRANDON K.
4)SHAH TUSHAR K.

(57) Abstract :
A system for synthesizing carbon nanotubes (CNT) on a fiber material includes a surface treatment system adapted to modify the surface of the fiber material to receive a barrier coating upon which carbon nanotubes are to be grown, a barrier coating application system downstream of the surface treatment system adapted to apply the barrier coating to the treated fiber material surface, and a barrier coating curing system downstream of the barrier coating application system for partially curing the applied barrier coating to enhance reception of CNT growth catalyst nanoparticles.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2359/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ABRASIVE ARTICLE AND METHOD OF FORMING

(51) International classification :B24D3/20,C09K3/14,C09C1/68
(31) Priority Document No :61/535530
(32) Priority Date :16/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055529
Filing Date :14/09/2012
(87) International Publication No :WO 2013/040423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TIAN Yinggang
2)KHAUND Arup K.
3)PEARLMAN John

(57) Abstract :
An abrasive article including a substrate made of a wire abrasive particles affixed to the substrate the abrasive particles having a first coating layer overlying the abrasive particles and a second coating layer different than the first coating layer overlying the first coating layer. The abrasive article further including a bonding layer overlying the substrate and abrasive particles.

No. of Pages : 23 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2013

(21) Application No.5403/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW COMPOUNDS FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES

(51) International classification	:C07D209/14,C07D471/04,C07D403/12
(31) Priority Document No	:1021103.5
(32) Priority Date	:13/12/2010
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2011/072568 :13/12/2011
(87) International Publication No	:WO 2012/080221
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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4)ALLASIA Sara
5)MARCHAND Arnaud
6)KILONDA Amuri
7)CHALTIN Patrick

(57) Abstract :
This invention provides novel compounds and the novel compounds for use as a medicine, more in particular for the prevention or treatment of neurodegenerative disorders, more specifically certain neurological disorders, such as disorders collectively known as tauopathies, and disorders characterised by cytotoxic α-synuclein amyloidogenesis. The present invention also relates to the use of said novel compounds for the manufacture of medicaments useful for treating such neurodegenerative disorders. The present invention further relates to pharmaceutical compositions including said novel compounds and to methods for the preparation of said novel compounds. The compounds have the formula (A1) wherein R1, R2, R4, R6, E, n, Y1, Y2, Y3, Y4, Y5, L, B, R8, and m are as defined in the claims.

No. of Pages : 161 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6078/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification :B60C15/00
(31) Priority Document No :2013009088
(32) Priority Date :22/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000311
Filing Date :22/01/2014
(87) International Publication No :WO 2014/115546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OSAKI Kazuto

(57) Abstract :
This pneumatic tire is provided with a carcass made from at least one ply consisting of a ply main unit and a ply folded back unit and comprises on the tire outer surface from the rim separation point to the position on the sidewall at the widest position of the tire a recess that is inwardly concave in the tire axial direction wherein in an axial cross section of the tire in a state not assembled on the rim the angle a formed by the tire axial direction and the outer surface straight line on the bead back surface that passes through both a first intersection point and a second intersection point is 70 100°.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6079/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATIONS OF A GLP1R AGONIST AND METFORMIN AND USE THEREOF FOR THE TREATMENT OF TYPE 2 DIABETES AND OTHER DISORDERS

(51) International classification :A61K31/155,A61K31/5383,A61P3/10
(31) Priority Document No :61/753567
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011394
Filing Date :14/01/2014
(87) International Publication No :WO 2014/113357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)QUADA JR. James C.
5)VALCARCE LOPEZ Maria Carmen
6)ANDREWS Robert Carl
7)DAVIS Stephen Thomas
8)YOKUM Thomas Scott

(57) Abstract :
The present invention provides uses of a glucagon like peptide 1 receptor agonist in combination with metformin. Uses include treating type 2 diabetes lowering blood glucose and improving the therapeutic effectiveness of metformin. The invention also provides pharmaceutical compositions that comprise a GLP1R agonist and metformin.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6073/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR SEPARATING/HOUSING BLOOD COMPONENTS AND METHOD FOR PREPARING PLATELET RICH PLASMA

(51) International classification :A61M1/02,A61K35/14,A61P17/02
(31) Priority Document No :2012272750
(32) Priority Date :13/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/083196
Filing Date :11/12/2013
(87) International Publication No :WO 2014/092115
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OKAMOTO Yasunori
2)TANAKA Seishin
3)OGATA Kasumi

(57) Abstract :
Provided are: a device that is for separating/housing blood components and that can more easily and aseptically separate/house platelet rich plasma; and a method for preparing platelet rich plasma. The device (1) for separating/housing blood components is provided with: a blood storage section (2); a component housing section (3) for housing a component that is part of blood; and a joining tube (4) that joins the blood storage section (2) and the component housing section (3). The blood storage section (2) has: a tube shaped blood storage vessel (21) that is flexible; a blood lead in pathway (27) that leads blood into the blood storage vessel (21); and a component lead out pathway (28) that leads out a component that is part of blood from the blood storage vessel (21). The component housing section (3) has: a component lead in pathway (37) that leads in a component that is part of blood led out from the blood storage vessel (21); and a metal needle (371) that extends from the component lead in pathway (37) towards the interior space of the component housing section (3) and can return the component that is part of blood housed in the component housing section (3) towards the blood storage vessel (21).

No. of Pages : 76 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6074/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GALENIC FORM FOR THE ADMINISTRATION OF AN ACTIVE INGREDIENT

(51) International classification :A61K9/00,A61K9/08,A61K31/437
(31) Priority Document No :1350308
(32) Priority Date :14/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050070
Filing Date :14/01/2014
(87) International Publication No :WO 2014/108657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PEROVITCH Philippe
2)AUZERIE Jack

(57) Abstract :
Galenic form for the oral transmucosal administration of an active ingredient for accelerated induction of sleep and/or the treatment of sleep disorders and/or the treatment of a central nervous system attack wherein said active ingredient is lipophilic or amphiphilic and is in a state of stable and complete dissolution in an aqueous alcoholic solution comprising between 35% and 70% by weight of ethanol and between 30% and 65% by weight of water generating in this aqueous alcoholic solution the formation of nanostructures of said active ingredient under consideration facilitating the crossing of the blood brain barrier by said active ingredient wherein said active ingredient is in base and/or salt form and belongs to the chemical families of sleep inducers or modulators of lipophilic or amphiphilic nature and having a molecular weight of less than 1000 daltons wherein said active ingredient is chosen from the imidazopyridine family comprising zolpidem the cyclopyrrolone family comprising eszopiclone the pyrazolopyrimidine family comprising zaleplon the benzodiazepine family comprising midazolam and brotizolam the H1 antihistamine sedative family comprising doxylamine and cyproheptadine and/or the melatonin and melatonin agonist family comprising melatonin ramelteon and agomelatine wherein the volume of said aqueous alcoholic solution is less than or equal to 2 ml and said active ingredient is present at a dose of less than or equal to 8 mg all of said active ingredient being absorbed transmucosally through the mucosae of the floor of the oral cavity in particular the gingivo jugal para gingival jugal or sublingual mucosae.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6075/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MICROENCAPSULATED VOLATILE INSECT REPELLENT AND /OR INSECTICIDE AGENT AND METHODS OF MAKING AND USING THE SAME

(51) International classification :A01N25/10,A01N25/28,A01N37/02
(31) Priority Document No :13/741174
(32) Priority Date :14/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/000203
Filing Date :08/01/2014
(87) International Publication No :WO 2014/108803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MASSEY Troy S.
2)LANGLEY Jeffrey T.

(57) Abstract :
This disclosure is particularly directed to arthropodal compositions in the form of capsules containing an active arthropod agent more particularly to capsules containing an active arthropod agent and methods of making and using the same. The active arthropod agent may be an insect repellent and/or an insecticide agent.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2014

(21) Application No.2849/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY EFFICIENT UNICODE READER DESIGN ON FPGA

(51) International classification :G06F19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PANDEY BISHWAJEET
2)KAUR AMANPREET

(57) Abstract :
In the present invention, the inventors have integrated the expertise of electronics researcher and natural language processing researcher in order to develop faster, low cost, low power and secure hardware based Unicode reader design for 22 languages of eighth schedule of constitution of India. In order to make the processing faster, core electronics techniques like clock dedicated route, directed routing, area group compression, mapping, finite state machine, controlling skew, jitter and delay for high performance Unicode reader design are used. In order to make them energy efficient, core electronics techniques like clock gating, capacitance scaling, voltage scaling, thermal scaling, IO standard, impedance matching, mobile DDR I/O standard, HSTL I/O Standard, DCI, SSTL and LVCMOS for energy efficient Unicode reader design are being used.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3406/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MANGANESE DOPED TITANIUM DIOXIDE ELECTROCHEMICAL SENSOR FOR HYDROQUINONE

(51) International classification :H01M4/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)ZUBAIDA ANSARI
3)HASSAN FOUAD

(57) Abstract :
A novel electrochemical sensor for hydroquinone using nanosized manganese doped titanium dioxide has been disclosed. The synthetic procedure is described for producing Mn-doped nano material which is also novel and significantly different from seemingly known Mn-doped titanium dioxide products in terms of extent of doping, i.e., replacement of Ti atoms by Mn atoms in the Ti02 lattice. The synthesized nano material has been used as a matrix in the fabrication of hydroquinone electrochemical sensor, by screen .printing method. This hydroquinone electrochemical sensor as fabricated in this invention exhibited ultra-high sensitivity of 2.96 pA mM-1and very low experimental detection limit of 7.5 pM for hydroquinone. Such a high sensitivity for hydroquinone sensor has not been hitherto reported elsewhere which makes this sensor also as novel and unique.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3408/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED CIRCUIT USING SEQUENTIAL LINEAR TECHNOLOGY FOR DRIVING LED LIGHT

(51) International classification :G05B24/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ROHIT KUMAR

(57) Abstract :
A system and method for driving a parallel switch device is provided. The present invention is basically to solve the existing circuits problem of high cost, low efficiency and low power factor. The system includes a control module (1), a feedback module (2), a rectifier bridge (3) and a load network Zj. The rectifier bridge (3) rectifies an AC full-wave supply. The load network Zj is connected across the rectifier bridge (3) and the feedback module (2). The loads are connected in series and two adjacent load common networks are connected to the control module (1). The feedback module (2) samples the output load current flowing through the control module (1). The feedback module (2) adjusts the signal flowing through the control module (1) to adjust the size of the load.Because few peripheral devices of the invention, it can be directly integrated on top of the network load containing LED light board, LED effectively reduces the size and manufacturing costs, improve efficiency and power factor circuit.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6086/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRIC POWER DISTRIBUTION SYSTEM INCLUDING METERING FUNCTION AND METHOD OF EVALUATING ENERGY METERING

(51) International classification :G01D4/00,G01R21/00
(31) Priority Document No :13/753802
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070228
Filing Date :15/11/2013
(87) International Publication No :WO 2014/120322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)THOMPSON Ronald L.
3)ROGERS Brandon J.
4)MUELLER Maximilian A.

(57) Abstract :
An electric power distribution system (2) is used with an electric power source (4). The electric power distribution system includes a first device (6) exchanging first electric power with the electric power source. The first device exchanges the first electric power with a plurality of second devices (8) and meters first electric energy (10) corresponding to the first electric power. The second devices (8) exchange the first electric power with the first device. Each of the second devices exchanges second electric power as at least part of the first electric power with a number of corresponding electric loads (12) and meter second electric energy (14) corresponding to the second electric power. A processor (16) includes a routine (18;300) that compares the metered first electric energy from the first device with a sum of the metered second electric energy from each of the second devices and responsively determines proper or improper operation of the electric power distribution system.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6068/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFUSION AND BLOOD COLLECTION DEVICE AND METHOD

(51) International classification :A61M1/00
(31) Priority Document No :61/747815
(32) Priority Date :31/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/078538
Filing Date :31/12/2013
(87) International Publication No :WO 2014/106266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CLOSE Benjamin W.
2)HALL Thomas A.

(57) Abstract :
An infusion and blood collection device (100 110) allows clean blood collections into a collection tube (15) via a previously installed angiocatheter (20) without interrupting the administration of intravenous therapies after initial installation. The device optionally includes passive control of the blood collection flow rate to prevent contamination of the collected blood draw (18) with the IV therapy fluid (14) being simultaneously infused through the angiocatheter. A blood collection method uses an infusion and blood collection device to draw a clean blood sample from a patient and into a collection tube via a previously installed angiocatheter without interrupting the administration of intravenous therapies.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6069/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTILAYERED ELECTROMAGNETIC ASSEMBLY

(51) International classification :H01F5/00
(31) Priority Document No :61/737750
(32) Priority Date :15/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/075124
Filing Date :13/12/2013
(87) International Publication No :WO 2014/093884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JENKINS Arthur L.

(57) Abstract :
A multilayered electromagnetic assembly. The assembly has a plurality of substantially planar substrate layers each substrate layer having a cutaway portion. An insulated electrically conductive material is provided arranged in a spiral configuration on at least two of the substrate layers. The spiral configuration is formed from adjacent the cutaway portion to the edges of the substrate layer. The electrically conductive material is formed substantially on and/or partially recessed or beneath the surface of the substrate layer. The spiral configurations has first and second electrical contacts that are operable to pass electric current to electrical contacts of spiral configurations on other substrate layers. A ferromagnetic core is located through the cutaway portions of the substrate layers. The substrate layers are stacked and an electrical current is passed sequentially through the two or more spiral configurations thereby generating a magnetic field in the core.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6070/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER TERMINAL APPARATUS NETWORK APPARATUS AND CONTROL METHOD THEREOF

(51) International classification :H04L12/12,G06F3/048
(31) Priority Document No :1020120146353
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011556
Filing Date :12/12/2013
(87) International Publication No :WO 2014/092491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SHIM Jung hyun
3)KWEON Ji hyeon
4)PARK Mi ju
5)OH Seok min

(57) Abstract :
A network apparatus including a communicator to perform communication with a plurality of devices and a user terminal apparatus to control the plurality of devices is provided. A controller generates control signals to control the plurality of devices based on a user command received from the user terminal apparatus and controls the communicator to transmit the control signals to the plurality of devices; wherein in response to a predetermined control pattern to sequentially control the plurality of devices being detected the controller generates and transmits macro information which corresponds to the detected control pattern to the user terminal apparatus.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6071/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTENT PLAYING APPARATUS METHOD FOR PROVIDING UI OF CONTENT PLAYING APPARATUS NETWORK SERVER AND METHOD FOR CONTROLLING BY NETWORK SERVER

(51) International classification :H04L12/12,G06F3/01
(31) Priority Document No :1020120146335
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011509
Filing Date :12/12/2013
(87) International Publication No :WO 2014/092469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEE Kang min
2)SHIM Jung hyun
3)JIN Sun mi
4)KWEON Ji hyeon

(57) Abstract :
A content playing apparatus includes an input unit that is configured to receive a content sharing command a communication unit that when the input unit receives the content sharing command is configured to communicate with a network apparatus that is connected to at least one device and receive information on the at least one device a graphical user interface processor that is configured to generate an integrated user interface (UI) to control the at least one device based on the information on the at least one device received by the communication unit a display that is configured to display the integrated UI and a controller that when a user command to control an operation of the at least one device is input through the integrated UI is configured to transmit the user command to the network apparatus such that the network apparatus controls the operation of the at least one device.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2013

(21) Application No.4194/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIRAL POLYMERASE INHIBITORS

(51) International classification :C07D231/56,A61P31/14,A61K31/427
(31) Priority Document No :61/394994
(32) Priority Date :20/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2011/001336
Filing Date :20/10/2011
(87) International Publication No :WO 2012/051659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MORTON Craig James
5)JAHANGIRI Saba
6)POOL Brett Raymond
7)JEYNES Tyrone Pieter
8)DRAFFAN Alistair George
9)LILLY Michael John
10)FREY Barbara

(57) Abstract :
The present invention relates to viral polymerase inhibitors of formula (I), salts, N-oxides, solvates, hydrates, racemates, enantiomers or isomers thereof, processes for their preparation and their use in the treatment of Flaviviridae viral infections such as Hepatitis C virus (HCV) infections: (I)

No. of Pages : 195 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6081/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR REGULATING AND CONTROLLING THE GAS PRESSURE

(51) International classification :C10B27/06
(31) Priority Document No :12008356.3
(32) Priority Date :14/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/003052
Filing Date :10/10/2013
(87) International Publication No :WO 2014/090353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOHN Michael
3)DANREITER Manfred
4)LIESEWITZ Franz
5)GAJIC Drazen

(57) Abstract :
The present invention relates to a device and a method for regulating and controlling the individual gas pressure of individual ovens of a coke oven battery in the case of which a rising pipe bend projects preferably from above into a collecting main. The lower end thereof is associated with an immersion pipe via a water labyrinth seal. The immersion pipe is supported such that it is vertically adjustable by means of an actuator and an immersion cup is located preferably below the immersion pipe. The device aims at allowing the gas pressure to be regulated or controlled easily and reliably. This is accomplished in that the rising pipe bend has arranged therein a sleeve the lower end of which is connected via at least one conduit to the water labyrinth seal and in that a water supply for feeding the water labyrinth seal and the actuator are provided at the top outside the rising pipe bend. Regulation of the gas pressure is accomplished by the different immersion depths of the immersion pipe and the constant water level in the immersion cup. The plane overflow edge of the immersion cup improves the regulating characteristics and the flowing off of the gas and defines the constant water level.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6082/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTILAYER COMPOSITE COMPOSITION ITS MANUFACTURING PROCESS AND ARTICLE OBTAINED THEREOF

(51) International classification	:B32B27/12,B29B17/00,B29C70/08
(31) Priority Document No	:PCT/EP2013/050660
(32) Priority Date	:15/01/2013
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2014/050711 :15/01/2014
(87) International Publication No	:WO 2014/111426
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)GERARD Pierre
3)HOLZMANN Renan
4)DA COSTA LIMA Gilmar

(57) Abstract :
The present invention relates to a multilayer composition comprising a surface layer comprising a thermoplastic polymer A and a substrate layer comprising a polymeric composite material based thermoplastic (meth)acrylic matrix and a fibrous material as reinforcement.The multilayer composition is suitable for mechanical or structured parts or articles with a decorative surface aspect The present invention concerns also a manufacturing process for multilayer mechanical or structured parts or articles and three dimensional mechanical or structured parts.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6083/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR OXIDIZING ONE OR MORE THIOL COMPOUNDS

(51) International classification :C10G19/08,B01J10/00
(31) Priority Document No :13/770155
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015191
Filing Date :07/02/2014
(87) International Publication No :WO 2014/130261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARAGIC Jasna
3)TRUCKO Jessy E.

(57) Abstract :
One exemplary embodiment can be a process for oxidizing one or more thiol compounds from an alkaline stream. The process may include passing a mixed stream having the alkaline stream to an oxidation vessel having a body and a neck. Often the body contains one or more packing elements and the neck contains a packing a distributor and a mesh. The process can further include passing an oxidized alkaline stream to a separation vessel containing a first chamber and a second chamber. Usually the first chamber contains a coated mesh.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.6084/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARMOURED VEHICLE BODY SHELL WITH SMALLER STRUTS

(51) International classification :F41H5/22,B62D33/06,F41H5/26
(31) Priority Document No :1300147
(32) Priority Date :15/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050069
Filing Date :14/01/2014
(87) International Publication No :WO 2014/111652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The subject of the invention is a body shell (101) of an armoured vehicle (101) comprising: a front face (40) supporting an armoured windscreen (11) projecting toward the outside of the body shell (101); and at least one side wall (20) comprising an opening (21) which side wall is secured to the front face (40) at a strut (20a) which is defined by part of the side wall comprised between an edge (22) of the opening (21) and a rim (23) of the side wall (20) situated furthest outwards at the front of the vehicle. The armoured vehicle body shell is characterized in that: the strut (20a) extends beyond the front face (40) towards the outside of the body shell (101); and at least one edge (22) of the opening (21) is situated near the front face (40) so that the junction between the strut (20a) and the front face (40) of the vehicle occurs near the edge (22) of the opening which forms a rear edge (22) of the strut (20a).

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.6171/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RNA- GUIDED HUMAN GENOME ENGINEERING

(51) International classification :C12N15/00
(31) Priority Document No :61/738355
(32) Priority Date :17/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/075317
Filing Date :16/12/2013
(87) International Publication No :WO 2014/099744
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MALI Prashant
3)YANG Luhan

(57) Abstract :
A method of altering a eukaryotic cell is provided including transfecting the eukaryotic cell with a nucleic acid en coding RNA complementary to genomic DNA of the eukaryotic cell, transfecting the eukaryotic cell with a nucleic acid encoding an enzyme that interacts with the RNA and cleaves the genomic DNA in a site specific manner, wherein the cell expresses the RNA and the enzyme, the RNA binds to complementary genomic DNA and the enzyme cleaves the genomic DNA in a site specific manner.

No. of Pages : 68 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.6172/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAPACITIVE TOUCH DEVICE

(51) International classification :H03K17/96
(31) Priority Document No :1222846.6
(32) Priority Date :18/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053155
Filing Date :29/11/2013
(87) International Publication No :WO 2014/096772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)STONE Kate

(57) Abstract :
A capacitive touch device is described. The device comprises a capacitive touch controller (1) which includes an input port (20) and a capacitive touch sensor (23). The input port is coupled to the capacitive touch sensor by a path (25) which includes at least one capacitive coupling (26).

No. of Pages : 23 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.6173/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FASTENING DEVICE FOR SEALING A FLUID PRODUCT RESERVOIR

(51) International classification :B65D45/32,B05B11/00,B65D51/00
(31) Priority Document No :1351279
(32) Priority Date :14/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050256
Filing Date :11/02/2014
(87) International Publication No :WO 2014/125202
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SWAL Micka«l

(57) Abstract :
A fastening device for sealing a fluid product rservoir (1) formed with a neck(10) provided with an outer peripheral reinforcement (11) defining, with he rest of the neck, a lower shoulder (12), said fastening device comprising: - a retaining ring (2) for holding a sealing member (4) on the neck (10), the retaining ring (2) comprising a peripheral skirt (21) that extends around the neck as far as under the lower shoulder (12), said skirt (21) being provided with hooking lments (26a, 26b) each forming a contact area (27a, 27b) capable of potentially engaging with the neck (10) under the lower shoulder (12) to secure the ring (2) on the neck (10), · - a locking band (3) that is engaged around the peripheral skirt (21) in a final assembly position to block at least a portion of the hooking lments (26a, 26b) under the lower shoulder (12), characterised in that the peripheral skirt (21) forms vertical strips (22) separated by axial slots (23), the locking band (3) forming vertical branches (33) that are disposed in the axial slots (23) between two vertical strips (22) in the final assembly position.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.6174/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FASTENING DEVICE FOR SEALING A FLUID PRODUCT RESERVOIR

(51) International classification :B65D51/00,B05B11/00
(31) Priority Document No :1351270
(32) Priority Date :14/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050255
Filing Date :11/02/2014
(87) International Publication No :WO 2014/125201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SWAL Micka«l

(57) Abstract :
A fastening device for sealing a fluid product rservoir (1) formed with a neck(10) provided with an outer peripheral reinforcement (11) defining, with the rest of the neck, a lower shoulder (12), said fastening device comprising a retaining ring (2) for holding a sealing member (4) on the neck (10), the retaining ring (2) comprising a peripheral skirt (21) that is axially engaged around the neck as far as under the lower shoulder (12), said skirt (21) being provided with hooking lments (26a, 26b) each forming a contact area (27a, 27b) capable of potentially engaging with the neck (10) under the lower shoulder (12) to secure the ring (2) on the neck (10), characterised in that the contact areas (27a, 27b) are located at diffrent axial heights, such that certain contact areas (27a, 27b) corne into operative engagement under the lower shoulder (12), while other contact areas (27a, 27b) re main inoperative.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.6320/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DOSAGE FORMS AND THERAPEUTIC USES L 4 CHLOROKYNURENINE

(51) International classification	:A61K31/198,A61P25/28,A61P25/24
(31) Priority Document No	:61/849191
(32) Priority Date	:22/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/012598 :22/01/2014
(87) International Publication No	:WO 2014/116739
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Compositions of L- 4 -chlorokynurenine are provided as are methods for the treatment of neurological dysfunction.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2671/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR FINDING CANDIDATE FROM DATA MEASURED BY SENSOR

(51) International classification :G01N27/62
(31) Priority Document No :2010193361
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004884
Filing Date :31/08/2011
(87) International Publication No :WO 2012/029312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MURTHY Prakash Sreedhar

(57) Abstract :
An apparatus (10) is provided comprising: an interlace (13) for receiving a first measured data set (51) measured by a FAIMS (1), and receiving first environment information (60) that indicates the measurement environment of the first measured data set; a generation unit (200) for generating a plurality of virtual data sets (71) by converting an existing plurality of data sets (81) : from a database (80), under conditions controlled by the first environment information (60); and an output unit (30) for selecting and outputting at least one candidate that is similar to the first measured data set (1) from a temporary group that includes the virtual data sets (71).

No. of Pages : 49 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2014

(21) Application No.3280/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MACROCYCLIC LRRK2 KINASE INHIBITORS

(51) International classification :C07D498/22
(31) Priority Document No :PCT/EP2011/067086
(32) Priority Date :30/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/002318
Filing Date :28/09/2012
(87) International Publication No :WO 2013/046029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HOFLACK Jan
2)BLOM Petra

(57) Abstract :
The present invention relates to novel macrocylic compounds and compositions containing said compounds acting as kinase inhibitors in particular as inhibitors of LRRK2 (Leucine Rich Repeat Kinase 2). Moreover the present invention provides processes for the preparation of the disclosed compounds as well as methods of using them for instance as a medicine or diagnostic agent in particular for the treatment and/or diagnosis of diseases characterized by LRRK2 kinase activity such as neurological disorders including Parkinson s disease and Alzheimer s disease.

No. of Pages : 215 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2014

(21) Application No.5037/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR MANUFACTURING POLYMER LATEX RESIN POWDER AND METHOD FOR MANUFACTURING POLYMER LATEX RESIN POWDER USING SAME

(51) International classification :C08F2/01,C08F279/04,B01F7/08
(31) Priority Document No :1020130063364
(32) Priority Date :03/06/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012119
Filing Date :24/12/2013
(87) International Publication No :WO 2014/196707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JU Min Cheol
3)LEE Hyung Sub
4)JEONG Hoi In

(57) Abstract :
The present invention relates to a device for manufacturing polymer latex resin powder and a method for manufacturing polymer latex resin powder using the same wherein introduction of a non continuous type screw into a reactor which performs coagulation and aging of the device for manufacturing polymer latex resin powder increases the efficiency of mixing steam latex and coagulant lowers the water content ratio of slurry improves the drying efficiency and reduces the amount of coagulant used thereby manufacturing polymer latex resin powder having excellent color and powder characteristics.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2014

(21) Application No.5193/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLAR GENERATOR PLATFORM

(51) International classification :H01L31/042,E04D13/18,B63B35/44
(31) Priority Document No :2012900455
(32) Priority Date :08/02/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000102
Filing Date :07/02/2013
(87) International Publication No :WO 2013/116897
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An assembly of uniquely inter connected modular parts form a high strength waterproof flexible membrane. The said membrane is restrained/positioned in the horizontal plane via a perimeter beam with fixings on its exterior boundary to the storage parapet/berm and through internal tendons to the PV panel super structure rows whilst allowing unrestricted vertical movement in concert with the water level changes. This invention is intended to provide stability reliability and durability under localised extreme weather conditions. The system may be mounted on a flotation pod or on a land based or building structure.

No. of Pages : 111 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.6480/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING FLOW THROUGH A LUMEN

(51) International classification :A61B5/02
(31) Priority Document No :61/756159
(32) Priority Date :24/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013068
Filing Date :24/01/2014
(87) International Publication No :WO 2014/117037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GUPTA Samit Kumar
3)RUSHENBERG Robert Lawrence

(57) Abstract :
A prosthesis for monitoring a characteristic of flow includes a first tubular prosthesis having a lumen and a sensor for detecting the characteristic of flow through the lumen. The sensor may be covered with another tubular prosthesis or by a layer of material in order to insulate the sensor from the fluid flow. A pocket may be formed between the tubular prosthesis and the adjacent layer of material or prosthesis and the sensor may be disposed in the pocket.

No. of Pages : 69 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2013

(21) Application No.4869/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HYDRAULIC SYSTEM HAVING DUAL TILT BLADE CONTROL

(51) International classification :F15B13/043,E02F9/22,F15B13/02
(31) Priority Document No :61/424250
(32) Priority Date :17/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062381
Filing Date :29/11/2011
(87) International Publication No :WO 2012/082357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ARMISTEAD Heather
3)SAYEED Fuaad
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5)GARNETT Stephen

(57) Abstract :
A hydraulic system (76) for a machine (10) is disclosed. The hydraulic system may have a tank (78) configured to hold a supply of fluid a pump (80) configured to draw fluid from the tank and pressurize the fluid a first cylinder (34) operatively connected between a first side of a work tool (14) and an undercarriage (42) of the machine and a second cylinder (36) operatively connected between a second side of the work tool and the undercarriage of the machine. The hydraulic system may also have a first electro hydraulic valve (96) associated with the first cylinder and configured to selectively regulate a flow of pressurized fluid to the first cylinder independently of the second cylinder and a second electro hydraulic valve (98) associated with the second cylinder and configured to selectively regulate a flow of pressurized fluid to the second cylinder independently of the first cylinder.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013
(21) Application No.6402/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SAMPLE USE MAXIMIZATION

(51) International classification :G01J3/42
(31) Priority Document No :61/435250
(32) Priority Date :21/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022130
Filing Date :20/01/2012
(87) International Publication No :WO 2012/100235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)YOUNG Daniel
5)HOLMES Elizabeth
6)DRAKE Andrew
7)KEMP Timothy Michael
8)BALWANI Sunny
9)PANGARKAR Chinmay

(57) Abstract :
The present invention provides systems devices and methods for point of care and/or distributed testing services. The methods and devices of the invention are directed toward automatic detection of analytes in a bodily fluid. The components of the device can be modified to allow for more flexible and robust use with the disclosed methods for a variety of medical laboratory and other applications. The systems devices and methods of the present invention can allow for effective use of samples by improved sample preparation and analysis.

No. of Pages : 191 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6403/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING DIVINYL ETHERS

(51) International classification :C07C41/08,C07C43/16
(31) Priority Document No :11154778.2
(32) Priority Date :17/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052369
Filing Date :13/02/2012
(87) International Publication No :WO 2012/110437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)BALENSIEFER Tim
7)SHILKIN Alexey

(57) Abstract :
A process for preparing divinyl ethers by reacting compounds having two hydroxyl groups (referred to hereinafter as diols) with acetylene characterized in that reaction of the hydroxyl groups with acetylene is incomplete and the product mixture obtained therefore comprises not only the divinyl ether but also the monovinyl ether and the monovinyl ether is separated from the product mixture by an extractive distillation in the presence of an extractant.

No. of Pages : 13 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2013

(21) Application No.6571/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATIC INJECTION DEVICES HAVING OVERMOLDED GRIPPING SURFACES

(51) International classification :A61M5/31,A61B5/15
(31) Priority Document No :61/435465
(32) Priority Date :24/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022433
Filing Date :24/01/2012
(87) International Publication No :WO 2012/103141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)KATZ Sabrina
6)CALLIF ADAM.
7)STANGO James C.

(57) Abstract :
Exemplary embodiments provide automatic injection devices housing components for automatic injection devices and methods for fabricating the same. An exemplary housing of an automatic injection device may be overmolded with one or more gripping surfaces to facilitate gripping and manipulation of the automatic injection device by a user when performing an injection. In an exemplary embodiment an overmolded left gripping surface may extend along a left side of the housing and an overmolded right gripping surface may extend along a right side of the housing opposite to the left side.

No. of Pages : 57 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2013

(21) Application No.6573/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEDICAMENT DELIVERY DEVICES FOR ADMINISTRATION OF A MEDICAMENT WITHIN A PREFILLED SYRINGE

(51) International classification :A61M37/00
(31) Priority Document No :61/436301
(32) Priority Date :26/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022675
Filing Date :26/01/2012
(87) International Publication No :WO 2012/103303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LICATA Mark J.
4)MEYERS Paul F.

(57) Abstract :
An apparatus includes a housing a medicament container and a movable member. The medicament container is configured to move within the housing between a first position and a second position in response to a force produced by an energy storage member. A proximal end portion of the medicament container includes a flange and has a plunger disposed therein. A first shoulder of the movable member is configured to exert the force on the flange to move the medicament container from the first position to the second position. A portion of the first shoulder deforms when the medicament container is in the second position such that at least a portion of the force is exerted upon the plunger. A second shoulder of the movable member is configured to exert a retraction force on the flange to move the medicament container from the second position towards the first position.

No. of Pages : 184 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6063/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOW BUFFER NUTRITIONAL COMPOSITIONS AND USES THEREOF

(51) International classification :A23L1/30,A23L1/304,A23L1/308
(31) Priority Document No :13/833134
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016070
Filing Date :12/02/2014
(87) International Publication No :WO 2014/143481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present disclosure is directed to methods for supporting resistance to bacterial growth in the gastrointestinal tract of a subject particularly in that of a human infant. In certain embodiments the method comprises administering to a subject a nutritional composition that has a low buffer strength wherein administration of said nutritional composition decreases the bacterial counts of bacteria selected from the group consisting of Enteropathogenic (EPEC) Enteroaggregative (EAEC) and combinations thereof in the subject s gastrointestinal tract. This disclosure further relates to the manufacture and use of low buffer nutritional compositions in methods for modulating gastric acidity and/or in methods for enhancing the rate of gastric emptying in a subject each method comprising a step of administering at least one of said low buffer nutritional compositions to the subject.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6064/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH RESIDUAL EFFECT AND LOW OFF SITE MOVEMENT AUXIN HERBICIDE FORMULATIONS

(51) International classification :A01N37/10
(31) Priority Document No :61/751476
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010594
Filing Date :08/01/2014
(87) International Publication No :WO 2014/110076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WRIGHT Daniel R.

(57) Abstract :
The present invention generally relates to high residual effect and/or low off site movement anionic herbicide formulations and more particularly auxin herbicide formulations. Generally the formulations of the present invention include an anionic herbicide (e.g. auxin herbicide) a particulate sorbent (e.g. silica) a cationic surfactant and water. Auxin herbicides have proven to be effective and highly beneficial for control of unwanted plants.

No. of Pages : 54 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6066/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS OF VISUALIZING AIRFLOW

(51) International classification :G06G7/56
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/071727
Filing Date :27/12/2012
(87) International Publication No :WO 2014/105014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)VANGILDER James William

(57) Abstract :
According to one aspect embodiments described herein provide a system and a method for modeling airflow. In one example the system comprises a memory and a controller coupled to the memory the controller configured to receive data related to equipment including at least two of a group comprising a cooling consumer and a cooling provider compute at least one quantity of airflow between an inlet and an outlet associated with the equipment generate a representation of at least one airflow path between the outlet and the inlet having a cross sectional area proportional to the at least one quantity of airflow and display the representation of the at least one airflow path in a cooling model.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6067/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : UNINTERRUPTIBLE POWER SUPPLY COMMUNICATION

(51) International classification :G06F13/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/072288
Filing Date :31/12/2012
(87) International Publication No :WO 2014/105079
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MELANSON Mark R.
3)SPITAELS James S.

(57) Abstract :
An uninterruptible power supply (UPS) includes an input configured to receive input power a backup power source configured to provide backup power an output configured to provide output power from at least one of the input power and the backup power and a controller coupled to the input the backup power source and the output. The controller is configured to receive commands from an external entity detect a configuration setting identify based at least in part on the configuration setting that a first subset of the commands are unrestricted commands and a second subset of the commands are restricted commands and responsive to identifying the unrestricted commands execute the unrestricted commands.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.696/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM FOR VIDEO BROADCASTING A PLURALITY OF SIMULTANEOUSLY OCCURING GEOGRAPHICALLY DISPERSED EVENTS

(51) International classification	:H04N21/60,H04N7/173,H04N7/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/RU2012/000987 :29/11/2012
(87) International Publication No	:WO 2014/084750
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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6)MAKSIMENKO Tatyana Valentinovna

(57) Abstract :
A video monitoring system is proposed comprising a plurality of video cameras a plurality of video monitoring devices a plurality of local storage devices a data transmission subsystem at least one device for collecting and broadcasting video data at least one archive storage device and at least one interface device. Video data from the video cameras is stored in the local storage devices and is transmitted by the data transmission subsystem for storage in the archive storage device and for broadcast to users.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6044/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR THE FIXATION OF PROXIMAL HUMERUS FRACTURES

(51) International classification :A61B17/80,A61B17/82,A61B17/86
(31) Priority Document No :61/751485
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011113
Filing Date :10/01/2014
(87) International Publication No :WO 2014/110421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WHITCOMB John

(57) Abstract :
In some embodiments apparatus for the fixation of proximal humerus fractures includes an implantable humerus plate having a proximal portion adapted to be positioned at a head and medial calcar of the humerus a distal portion adapted to be positioned along a shaft of the humerus and a plurality of calcar openings provided through the proximal portion adapted to receive calcar fasteners that extend into the medial calcar.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6045/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TURBINE NOZZLE AND METHOD FOR MANUFACTURING SAME

(51) International classification :F01D25/24,F01D25/00
(31) Priority Document No :2013029430
(32) Priority Date :18/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/053603
Filing Date :17/02/2014
(87) International Publication No :WO 2014/126234
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A method for manufacturing a turbine nozzle said method including: (A) a step wherein a first part is formed wherein an inner diameter ring part and/or an outer diameter ring part and a blade are integrally provided; (B) a step wherein the other part that is the inner diameter ring or the outer diameter ring is formed as a second part; (C) a step wherein the first part and the second part are assembled such that the outside surface of the inner diameter part and the inside surface of the outer diameter part oppose one another with a gap being formed between the second part and the blade on the first part; and (D) a step wherein a soldering material is melted and flows into the gap thereby soldering the second part and the blade on the first part.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6046/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COUNTER

(51) International classification :G06M1/16,G06M1/26
(31) Priority Document No :1223008.2
(32) Priority Date :20/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053334
Filing Date :18/12/2013
(87) International Publication No :WO 2014/096814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DUIGNAN Cathal

(57) Abstract :
This invention generally relates to counters and in particular to counters for use with dispensers and to dispensers comprising said counters. More particularly the present invention relates to counters for use with metered dose dispensers such as metered dose inhalers (MDIs). In particular the present invention provides a counter comprising: a first ring member having a first indicia and being rotatable in increments about an axis the first indicia indicating a count; a limiting member comprising a limiting mechanism wherein the limiting mechanism comprises an engaging portion arranged to act radially with respect to the first ring member to contact the first ring member to limit free rotation of the first ring member relative to the limiting member about the axis.

No. of Pages : 60 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7078/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NUCLEIC ACID SEQUENCES AND PEPTIDES/ PROTEINS OF THE FT FAMILY PROVIDING FLOWER REPRESSING PROPERTIES IN TOBACCO AND TRANSGENIC PLANTS TRANSFORMED THEREWITH

(51) International classification	:C07K14/415,C12N15/82,A01H5/00
(31) Priority Document No	:12163187.3
(32) Priority Date	:04/04/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/056727 :28/03/2013
(87) International Publication No	:WO 2013/149941
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)FISCHER Rainer

(57) Abstract :
The present invention is directed to nucleic acid sequences coding for a protein which (1) under a respective promoter is able to suppress or repress or delay flowering of a plant and (2) includes the motive NAPDIIDS or in preferred cases VNAPDIIDS with the exception of the nucleic acid of the gene StSP5G or a part thereof. Preferably the nucleic acid sequence belongs phylogenetically to the FT clade of the PEBP gene family wherein the motive (V)NAPDIIDS is in place of the (V)YAPGW motive of the flowering promoting proteins AtFT and BvFT2. The invention is further directed to peptides or proteins obtainable by expression of the nucleic acid of any of the preceding claims vectors comprising a nucleic acid sequence as defined above and to plants parts of plants or seed of plants the plants comprising such a nucleic acid sequence.

No. of Pages : 46 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3388/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MAKING A FOLDED TYPE DOUBLE-TAPE DOUBLE-LAYER ZIPPER

(51) International classification :A44B19/42
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WANG, Lien-Chou

(57) Abstract :
A zipper fabrication method for making a folded type, double-tape, double-layer zipper is disclosed. The double-layer open-end zipper are made by performing a coil spiral and broad-width fabric tape stitching step, a dyeing and drying step, a gapping size setting step, a splitting, folding and calibration step and a glue heating and bonding or stitching step to form a single-sided double-layer zipper chain tape, and then performing a zipper slide coupling step, a ultrasonic patch sealing and T cut hole punching step, a box and pin fixation step, a zipper slide functioning checking step and a top stop fixation step to obtain the desired finished double-layer open-end zipper.

No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2013

(21) Application No.5241/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AGENT DELIVERY SYSTEMS FOR SELECTIVE NEUROMODULATION

(51) International classification :A61N1/34,A61K9/00,A61N1/05
(31) Priority Document No :61/418721
(32) Priority Date :01/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062958
Filing Date :01/12/2011
(87) International Publication No:WO 2012/075337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present application is directed generally to systems and devices and methods for direct delivery of agents e.g. pharmaceutical agents to target spinal and neuronal anatomies e.g. the dorsal root ganglia (DRG) for the treatment of various disorders particularly pain and pain related disorders such as chronic itch sensory disorders multiple sclerosis post herpetic neuralgia and the like. The system and devices of the application encompass the agents to be delivered to the target anatomy alone or in combination with electrical stimulation. The delivery device and systems as disclosed herein place the distal end of the delivery element (30) which comprises at least one agent delivery structure (40) and optionally at least one electrode in close proximity or in contact with or next to the target spinal anatomy e.g. DRG. A variety of agents can be delivered using the device including sodium channel blockers biologies neuroinflammatory modulators toxins to selectively neuromodulate the neurons. Agent delivery and/or electrical stimulation can be automated and/or can be controlled automatically or by a pre determined program or by a patient control pump (PCA).

No. of Pages : 175 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2013

(21) Application No.5243/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AZO COMPOUND INK COMPOSITION RECORDING METHOD AND COLORED MATERIAL

(51) International classification :C09B31/30,B41J2/01,B41M5/00
(31) Priority Document No :2010281297
(32) Priority Date :17/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078959
Filing Date :14/12/2011
(87) International Publication No :WO 2012/081640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided are: a dye which exhibits extremely excellent (ozone) gas resistance extremely high print density low color rendering properties low color saturation and high quality black hue when is recorded on a paper only for inkjet printing purposes i.e. an azo compound represented by formula (1) a tautomer of the azo compound or a salt of the azo compound or the tautomer; and an ink composition containing the dye particularly a black ink composition for inkjet recording applications. In the formula R represents a (C1-C4) alkyl group or the like; R represents a cyano group or the like; R and R independently represent a hydrogen atom a sulfo group a (C1-C4) alkoxy group or the like; R and R independently represent a (C1-C4) alkylthio group or the like; R and R independently represent a (C1-C4) alkylcarbonylamino group; R and R independently represent a (C1-C4) alkoxy group or the like; and R to R independently represent a hydrogen atom a sulfo group or the like.

No. of Pages : 104 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2013

(21) Application No.7173/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYNUCLEOTIDE PRIMERS AND PROBES

(51) International classification :C12Q1/68
(31) Priority Document No :61/442729
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025092
Filing Date :14/02/2012
(87) International Publication No :WO 2012/112582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention provides a novel technology that involves improved primer design. These primer pairs have a wide range of applications and provide high sensitivity and specificity.

No. of Pages : 134 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3404/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEATING SYSTEM AND METHOD OF HEATING A COMPONENT

(51) International classification :F24H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KANNIAPPAN, GOPALAKRISHNAN
3)UDAYAKUMAR, ANUOP

(57) Abstract :
A heating system for a component having a base portion and an elongate portion extending from the base portion is disclosed. The heating system includes a casing. The casing includes a first cover member disposed partly on a top surface of the base portion. A second cover member is coupled to the first cover member and disposed partly on a bottom surface of the base portion. The first cover member and the second cover member are together configured to removably enclose the elongate portion therein. The casing further includes a heating member configured to be disposed on the elongate portion. The heating member is configured to selectively heat the elongate portion. The casing further includes an insulating material disposed within the casing and enclosing the heating member therein.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2013

(21) Application No.3943/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIO FUNCTIONALIZED STIMULUS RESPONSIVE DISSOLVABLE PEG HYDROGELS

(51) International classification :A61K47/48,A61K9/00,A61K9/06
(31) Priority Document No :10014788.3
(32) Priority Date :19/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/005820
Filing Date :18/11/2011
(87) International Publication No :WO 2012/065751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GBELI Raphael
4)TOMAKIDI Pascal
5)LAIRD Dougal

(57) Abstract :
The present invention is directed to a bio functionalized stimulus responsive dissolvable PEG hydrogel. This inventive stimulus responsive dissolvable PEG hydrogel comprises a matrix of PEG polymers which are modified to contain at least one multifunctional fusion protein the multifunctional fusion protein preferably comprising as components a substrate binding peptide (SBP) preferably a repetitive RGD binding peptide and/or a ZZ binding domain preferably a tag for purification and at least one N and/or C terminal linker. The present invention is furthermore directed to the use of such inventive stimulus responsive dissolvable PEG hydrogels in the treatment of lesions in surgical dressings for wound treating for soft and hard tissue regeneration for the treatment of wounds in the oral cavity in the field of ophthalmology in the field of periodontal defects etc. The invention also describes a method of treatment for such diseases. Additionally the present invention provides a kit comprising the inventive stimulus responsive dissolvable PEG hydrogel and optionally further components.

No. of Pages : 115 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.7353/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RORGAMMAT INHIBITORS

(51) International classification :C07D231/56,C07D403/10,C07D403/12
(31) Priority Document No :11154188.4
(32) Priority Date :11/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/CN2012/071017
Filing Date :10/02/2012
(87) International Publication No :WO 2012/106995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)ZHANG Dongshan
9)DUAN Xiaobang

(57) Abstract :
The present invention relates to compounds according to Formula (I) or a pharmaceutically acceptable salt or solvate thereof. Such compounds can be used in the treatment of RORgammaT -mediated diseases or condition.

No. of Pages : 148 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2013

(21) Application No.7505/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY ABSORBING COUPLER

(51) International classification :B61G1/00,B61G11/00,B61G11/16
(31) Priority Document No :61/439,607
(32) Priority Date :04/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023573
Filing Date :02/02/2012
(87) International Publication No :WO 2012/106488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
An energy absorbing coupler for railway vehicles includes a coupler anchor a coupler mechanism supported to the coupler anchor by a deformation tube and draft gear element and a plurality of energy absorbing devices associated with the coupler anchor. The energy absorbing devices each include two mating components in frictional engagement with one another. Sliding movement between contacting surfaces of the two components occurs when energy is applied to the coupler mechanism thereby creating friction and dissipating the applied energy at least in part in the form of heat. The two mating components may include a male part such as a mounting bolt in mating engagement within a female part such as a collar. An inside diameter of the collar may be slightly smaller than an outside diameter of the mounting bolt to create a press fit engagement.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.6047/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THICKNESS MEASUREMENT DEVICE FOR SHEET TYPE MEDIUM

(51) International classification :B65H7/02,G07D7/16
(31) Priority Document No :201310035025.0
(32) Priority Date :29/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078727
Filing Date :03/07/2013
(87) International Publication No :WO 2014/117473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HU Xing
4)LI Tianrui

(57) Abstract :
A thickness measurement device for a sheet type medium comprises: a fixing frame (1) used for installing and bearing the following parts and components; a reference shaft (2) having two ends installed on the fixing frame (1) through bearings wherein a reference roller (21) is fixedly fitted on the reference shaft (2); a detection shaft (3) wherein at least one floating support frame (31) having one end capable of rotating freely around the detection shaft (3) is arranged on the detection shaft (3) and a detection roller (32) and a signal generator (33) are arranged on the floating support frame (31); an elastic pressing plate (4) for pressing against the floating support frame (31) to keep an approaching trend between the detection roller (32) and the reference roller (21) wherein the elastic pressing plate (4) is composed of at least two elastic sheets; a signal sensor (5); and a data processing unit. By means of the device system damping is provided through friction between the elastic sheets an output signal impact peak value instantly caused by the fact that a front end of the sheet type medium crushes into a floating support frame bearing and a power shaft meshing point at a certain speed is reduced and the adjustment time of oscillation of an output signal is shortened.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6049/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PURIFYING A CRUDE PNPNH COMPOUND

(51) International classification :B01J31/14,B01J31/18,C07F9/00
(31) Priority Document No :13154794.5
(32) Priority Date :11/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2014/058919
Filing Date :11/02/2014
(87) International Publication No:WO 2014/122633
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)PEULECKE Normen
6)HARFF Marco
7)W–HL Anina
8)MEISWINKEL Andreas
9)B–LT Heinz
10)MLLER Wolfgang
11)AL HAZMI Mohammed H.

(57) Abstract :
A method for purifying a crude PNPNH compound of the general structure RRP N(R) P(R) N(R) H wherein R R R Rand R are independently halogen amino trimethylsilyl C C alkyl substituted C C alkyl C C aryl and substituted C C aryl or any cyclic derivative wherein at least one of the P or N atoms of the PNPN H structure is a member of a ring system the ring system being formed from one or more constituent compounds of the PNPNH structure by substitution the method comprising the steps: A. a) dissolving the crude PNPNH compound in a C C alcohol or mixture thereof under heating; b) cooling the solution obtained in step a) c) precipitating the PNPNH compound separating and optionally drying or B. (i) washing the crude PNPNH compound with C C alcohol or a mixture thereof (ii) separating the PNPNH compound and optionally drying thereof.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2013
(21) Application No.7655/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERROGATORY CELL BASED ASSAYS AND USES THEREOF

(51) International classification :A61P35/00
(31) Priority Document No :61/448,587
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027615
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119129
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VISHNUDAS Vivek K.

(57) Abstract :
Described herein is a discovery Platform Technology for analyzing a biological system or process (e.g. a disease condition such as cancer) via model building. In particular described herein is a method for identifying a modulator of a biological system by establishing a model for the biological system obtaining a first data set from the model for the biological system obtaining a second data set from the model for the biological system and generating a consensus causal relationship network among the expression levels of the plurality of genes and the functional activity or cellular response based solely on the first data set and the second data set using a programmed computing device.

No. of Pages : 220 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2013

(21) Application No.7658/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOW FUCOSE CELL LINES AND USES THEREOF

(51) International classification :C12N15/10,C12N9/10,C12N15/01
(31) Priority Document No :211583
(32) Priority Date :06/03/2011
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2012/000109
Filing Date :05/03/2012
(87) International Publication No :WO 2012/120500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TOISTER ACHITUV Mira

(57) Abstract :
A method of selecting cells having zero fucose level useful as host cells for expressing recombinant proteins is disclosed. The method comprises: (d) introducing genetic mutations into a population of CHO cells by contacting the cells with a methotrexate (MTX) (e) contacting the population of CHO cells comprising mutated cells with a non toxic fucose binding agent for an amount of time that allows binding of the fucose binding agent to a fucose moiety on a cell membrane of the population of cells wherein the amount of time does not allow killing of the cells; and (f) depleting from the population of cells comprising mutated cells a subpopulation of cells which bind the fucose binding agent thereby selecting cells useful as host cells for expressing recombinant proteins the selected cells having zero fucose content. There are also disclosed cells and cell lines useful as host cells for expressing recombinant proteins.

No. of Pages : 132 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015
(21) Application No.6321/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS AND APPARATUS FOR RECOVERING HYDROPROCESSED HYDROCARBONS WITH SINGLE PRODUCT FRACTIONATION COLUMN

(51) International classification :C10G47/26
(31) Priority Document No :13/836559
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023039
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOWMAN David M.
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(57) Abstract :
A hot stripped hydroprocessed stream from a stripper column may be sent directly to a vacuum fractionation column instead of being first processed in an atmospheric fractionation column. If a separate warm stripper column is used, both the warm stripped stream and a hot stripped stream may be fractionated in the same fractionation column, particularly a vacuum fractionation column.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.6322/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENGAGEMENT DEVICE

(51) International classification :F16D11/10,F16D48/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/051212
Filing Date :22/01/2013
(87) International Publication No :WO 2014/115248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HASHIMOTO Hiroto

(57) Abstract :
When engaging a piece (7) with a sleeve (8) the engagement device (1) controls an actuator (9) so as to move the sleeve (8) closer to the piece (7) while the piece (7) is rotating in the negative rotation direction with respect to the sleeve (8) (the direction in which the small tooth surfaces (11a) of the dog teeth (11) of the piece (7) and the small tooth surfaces (12a) of the dog teeth (12) of the sleeve (8) face and draw towards each other). After a specified stroke condition relating to the movement of the sleeve (8) with respect to the piece (7) is satisfied the engagement device controls a first motor generator (MG1) so that the rotation speed of the piece (7) goes from a negative number to 0 or higher. As a result , engagement can be reliably accomplished and durability can be improved.

No. of Pages : 71 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.6323/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POROUS SILICON BASED ANODE ACTIVE MATERIAL AND METHOD FOR PREPARING SAME AND LITHIUM SECONDARY BATTERY INCLUDING SAME

(51) International classification	:H01M4/48,H01M4/587,H01M4/583
(31) Priority Document No	:1020130149404
(32) Priority Date	:03/12/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/011728 :02/12/2014
(87) International Publication No	:WO 2015/084036
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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7)BANG Byoung Man
8)LEE Chang Rae
9)JEONG Il Kyo
10)LEE Mi Kyeong

(57) Abstract :
The present invention provides a porous silicon- based anode active material and a method for preparing the same, and a lithium secondary battery including the same ,characterized in that the porous silicon -based anode active material comprises porous SiOx particles (0<x<2) on the surface of which an oxide film is coated. The anode active material can reduce the reactivity thereof with an electrolyte by comprising an oxide film formed on the porous SiOparticles (0<x<2) ,and thus can minimize electrical short -circuit within the electrode. In addition , the anode active material can reduce the rate of change in the thickness of the electrode , which occurs when charging and discharging the lithium secondary battery, and improve lifespan characteristics of the lithium secondary battery by comprising a plurality of pores on the surface of , or on the surface of and on the inside of the SiOparticles.

No. of Pages : 52 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.666/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 4-PIPERIDINYL COMPOUNDS FOR USE AS TANKYRASE INHIBITORS

(51) International classification :C07D401/04,C07D401/14,C07D471/04
(31) Priority Document No :61/507321
(32) Priority Date :13/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053613
Filing Date :13/07/2012
(87) International Publication No :WO 2013/008217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHIN Noel Chin
3)DIPIETRO Lucian V.
4)FAN Jianme
5)PALERMO Mark G
6)SHULTZ Michael David
7)TOURE Bakary Barry

(57) Abstract :
The present invention provides for compounds of formula (I).The present invention also provides for pharmaceutical compositions and combinations comprising a compound of formula (I) as well as for the use of such compounds as tankyrase inhibitors and in the treatment of Wnt signaling and tankyrase 1 and 2 signaling related disorders which include but are not limited to cancer.

No. of Pages : 90 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2014

(21) Application No.77/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR AUTHENTICATING A TAG

(51) International classification :G07D7/12,G07D7/20,H04M1/21
(31) Priority Document No :1155470
(32) Priority Date :21/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051413
Filing Date :21/06/2012
(87) International Publication No :WO 2012/175878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MASSICOT Jean-Pierre
2)SAGAN Zbigniew
3)FOUCOU Alain

(57) Abstract :
The invention relates to a method for authenticating a tag comprising: a step (205) of a communicating mobile terminal recording an image of at least a portion of a tag comprising at least a portion of an identifier; a step (210) of transmitting said identifier to a server; a step (215) of reading from a memory of images of tags the image of a tag having said identifier; a step (220) of transmitting to said communicating mobile terminal at least a portion of the image read from the memory; and a step (230) of displaying at least a portion of the transmitted image superimposed on an image recorded by said terminal.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014

(21) Application No.1475/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPLANTABLE STOMA RING

(51) International classification :A61F5/445,A61B17/064,A61F2/00
(31) Priority Document No :11008455.5
(32) Priority Date :21/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/070764
Filing Date :19/10/2012
(87) International Publication No :WO 2013/057255
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSITAETSSPITAL BASEL
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(72)**Name of Inventor :**
1)KIRCHHOFF Philipp

(57) Abstract :
The present invention relates to a ring (1) for implantation in patients receiving stoma having (1) an inner ring (2) suitable for fitting an abdominal wall on its outer circumference having an opening (3) suitable for an abdominal organ to pass through the ring to the exterior side (5) and (ii) a lip seal (4) extending over the interior side (5) of the inner ring (2) to seal the stoma opening for use in abdominal surgery. In addition the present invention is directed to a method of treatment comprising the surgical introduction of a ring (1) of the invention into the abdominal wall of a mammal in need of abdominal preferably stoma surgery.

No. of Pages : 13 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2014

(21) Application No.3736/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENABLING THE MANAGEMENT OF AN ACCESS CONTROL LIST A HOME NODEB MANAGEMENT SYSTEM AND CELLULAR COMMUNICATION SYSTEM THEREFOR

(51) International classification :H04W48/16
(31) Priority Document No :1117460.4
(32) Priority Date :10/10/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/067396
Filing Date :06/09/2012
(87) International Publication No :WO 2013/053552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MACPHERSON Ian Ross

(57) Abstract :
A method for enabling the management of an access control list (ACL) of a Home NodeB (HNB) within a cellular communication network is described. The method comprises receiving an ACL management message originating from a subscriber unit identifying at least one HNB with which the originating subscriber unit of the received message is registered as being authorised to manage an ACL therefor and performing at least one ACL management operation for the ACL of the identified HNB in accordance with the received ACL management message.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2013

(21) Application No.5021/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WATER REACTIVE HYDROGEN FUEL CELL POWER SYSTEM

(51) International classification :H01M8/06
(31) Priority Document No :61/411244
(32) Priority Date :08/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059794
Filing Date :08/11/2011
(87) International Publication No :WO 2012/064749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WALLACE Andrew P.
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3)LEFENFELD Michael

(57) Abstract :
A water reactive hydrogen fueled power system includes devices and methods to combine reactant fuel materials and aqueous solutions to generate hydrogen The generated hydrogen is converted in a fuel cell to provide electricity. The water reactive hydrogen fueled power system includes a fuel cell a water feed tray and a fuel cartridge to generate power for portable power electronics. The removable fuel cartridge is encompassed by the water feed tray and fuel cell. The water feed tray is refillable with water by a user. The water is then transferred from the water feed tray into the fuel cartridge to generate hydrogen for the fuel cell which then produces power for the user.

No. of Pages : 60 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2002

(21) Application No.804/DEL/2002 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL DISK AND METHODS FOR RECORDING AND REPRODUCING ESSENTIAL INFORMATION OF OPTICAL DISE

(51) International classification	:G11B 7/000
(31) Priority Document No	:2001-47957
(32) Priority Date	:09/08/2001
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KYUNG-GEUN LEE
2)IN-SIK PARK
3)DU SEOP YOON

(57) Abstract :
An optical disc and methods for recording essential information in and reproducing essential information from an optical disc are provided. The optical disc includes as a pattern of crystalline and amorphous marks storing essential information. The essential information recording method involves: heating an amorphous recording layer above the temperature of crystallization by radiating a beam according to a photoelectrically converted signal; and slowly cooling the heated recording layer to the temperature of crystallization or below to form a pattern of crystalline and amorphous marks. The essential information reproducing method involves: radiating a beam onto a pattern of crystalline and amorphous marks in which essential information of the optical disc is recorded; receiving the beam reflected from the pattern of crystalline and amorphous marks and photoelectrically converting the received beam to detect a signal; filtering the detected signal through a high-pass filter; and reproducing the essential information of the optical disc from the filtered signal. Essential information can be recorded in a recordable optical disc by phase change using an existing disc initializing apparatus after deposition of a recording layer and before initialization of the optical disc. Therefore, an additional recording apparatus and process is not necessary, and no damage caused by a high energy of laser occurs in the optical disc.

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2013

(21) Application No.5093/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADHESIVE FILM FOR BUSHINGS

(51) International classification :F16C33/12,F16C33/14,B32B15/08
(31) Priority Document No :61/415463
(32) Priority Date :19/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/061509
Filing Date :18/11/2011
(87) International Publication No :WO 2012/068530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ORTIZ Paul W.
2)DICORLETO GIBSON Julia

(57) Abstract :
A bushing can include a load bearing substrate having a first major surface an adhesive film overlying the first major surface and a friction reducing layer overlying the adhesive film. A method can include extruding an adhesive film laminating a friction reducing layer to a load bearing substrate with the adhesive film therebetween to form a composite and shaping the composite to form a bushing. The adhesive film can include a first adhesive layer such as and a fluoropolymer layer. The adhesive layer can include a modified ethylene tetrafluoroethylene and the fluoropolymer layer can include an ethylene tetrafluoroethylene.

No. of Pages : 23 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2013

(21) Application No.5094/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International classification :F02B39/00,F01D25/24,F01D25/00
(31) Priority Document No :102010052373.9
(32) Priority Date :24/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/US2011/061310
Filing Date :18/11/2011
(87) International Publication No :WO 2012/071254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIERAT Jaroslaw

(57) Abstract :
The invention relates to an exhaust gas turbocharger (1) having a compressor (2); having a turbine (5) which has a turbine wheel (6) with a radial flow region (11) and a semi axial flow region (12) and which has a turbine housing (7) which has a spiral arrangement (9) surrounding the turbine wheel (6) at its outer circumference (8) for supplied exhaust gas; and having a guide grate (10) for supplying exhaust gas to the turbine wheel (6) wherein the guide grate (10) has a guide ring (13) which is axially movable in the charger axial direction (L) and which is assigned to the radial flow region (11) and a closure sleeve (14) which is axially movable in the charger axial direction (L) and which is assigned to the semi axial flow region (12).

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2013

(21) Application No.5960/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHORT LENGTH PUMP HAVING BRINE RESISTANT SEAL AND ROTATING WRIST PIN AND RELATED METHODS

(51) International classification	:F04B39/00,E21B43/12,F04B47/00
(31) Priority Document No	:61/427850
(32) Priority Date	:29/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/067770 :29/12/2011
(87) International Publication No	:WO 2012/092452
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)S.P.M. FLOW CONTROL INC.
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(72)**Name of Inventor :**
1)CHINTHAM Gromicho
2)DILLE Mark

(57) Abstract :
Pumps and plunger assemblies are provided. An exemplary pump can have or contain a cylinder mounted in a pump housing a plunger assembly including a crosshead a plunger a stationary bushing having substantial portions fixedly mounted within a laterally extending bore of the crosshead and a non stationary pivotally rotating wrist pin mounted within the bushing. The pump can also include a power end seal assembly including a seal housing extending at least partially through an aperture in the sealed fluid end facing side of the power end of the pump a power end seal disposed therein in sealing contact with the power end section of the plunger and a splashguard assembly.

No. of Pages : 28 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7946/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMERIC ACID CATALYSTS AND USES THEREOF

(51) International classification :C08B15/00,B01J39/20,B01J43/00
(31) Priority Document No :61/447311
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026820
Filing Date :27/02/2012
(87) International Publication No :WO 2012/118767
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GEREMIA John M.
2)BAYNES Brian M.
3)DHAWAN Ashish

(57) Abstract :
Polymers useful as catalysts in non enzymatic saccharification processes are provided. Provided are also methods for hydrolyzing cellulosic materials into monosaccharides and/or oligosaccharides using these polymeric acid catalysts.

No. of Pages : 150 No. of Claims : 118

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2013
(21) Application No.8259/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SECURING NETWORK COMMUNICATIONS

(51) International classification :H04W12/06,H04L29/06
(31) Priority Document No :61/466852
(32) Priority Date :23/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030352
Filing Date :23/03/2012
(87) International Publication No :WO 2012/129503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GUCCIONE Louis J.
3)SCHMIDT Andreas
4)LEICHER Andreas
5)SHAH Yogendra C.

(57) Abstract :
Secure communications may be established amongst network entities for performing authentication and/or verification of the network entities. For example a user equipment (UE) may establish a secure channel with an identity provider capable of issuing user identities for authentication of the user/UE. The UE may also establish a secure channel with a service provider capable of providing services to the UE via a network. The identity provider may even establish a secure channel with the service provider for performing secure communications. The establishment of each of these secure channels may enable each network entity to authenticate to the other network entities. The secure channels may also enable the UE to verify that the service provider with which it has established the secure channel is an intended service provider for accessing services.

No. of Pages : 77 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2015

(21) Application No.8281/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HAMMER UNION WRENCH

(51) International classification :B25B13/50,B25B13/02
(31) Priority Document No :13/801606
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000237
Filing Date :14/03/2013
(87) International Publication No :WO 2014/138836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATTHEWSON Larry

(57) Abstract :
A tool for actuating hammer unions. The tool provides for an arcuate tool head having an aperture which receives the lug or tab of the union. Extending outwardly from the arcuate tool head is a lever member which is designed to receive a handle [selected by the user for appropriate length and torque] for the user to hold and apply the necessary amount of torque to tighten or loosen the hammer union. By receiving the tab in the arcuate head, the user is precluded from damaging the tabs or lugs since no impact is received by the latter and a maximum amount of work can be done safely by the user. Structural features are also provided to prevent improper use of the tool.

No. of Pages : 26 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2015

(21) Application No.8282/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRETREATMENT COMPOSITIONS AND METHODS FOR COATING A BATTERY ELECTRODE

(51) International classification :C23C22/34,C23C22/36,H01M4/04
(31) Priority Document No :13/832074
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022005
Filing Date :07/03/2014
(87) International Publication No :WO 2014/150050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HELLRING Stuart D.
2)DAUGHENBAUGH Randy E.
3)KARABIN Richard F.
4)RAKIEWICZ Edward F.
5)SYLVESTER Kevin Thomas
6)SILVERNAIL Nathan J.

(57) Abstract :
Disclosed is a cathode (10) of a lithium-ion battery having a conductive substrate (12), a first layer (14) covering atleast a portion of the conductive substrate (12) comprising a pre-treatment composition comprising a Group 1MB and/or Group IV metal, and a second layer (16) covering at least a portion of the conductive substrate (12) and the first layer (14), the second layer (16) comprising a coating composition comprising a lithium-containing compound. Also disclosed is method for treating a battery cathode and a battery having the treated cathode.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2015
(21) Application No.8283/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHENOLIC ADMIX FOR ELECTRODEPOSITABLE COATING COMPOSITION CONTAINING A CYCLIC GUANIDINE

(51) International classification :C09D5/00
(31) Priority Document No :13/839648
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021831
Filing Date :07/03/2014
(87) International Publication No :WO 2014/150009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN BUSKIRK Ellor James
2)WILSON Craig A.
3)STONE David

(57) Abstract :
The present invention is directed to an electro depositable coating composition comprising a reaction product of an epoxy functional polymer and a cyclic guanidine, and a source of unreacted phenol, wherein the electro depositable coating composition has a columbic usage of less than 100 coulombs/gram when deposited on a conductive substrate at a current density of < 1.5 niAmps/cm 2. Methods of making the electro depositable coating composition are also disclosed.

No. of Pages : 70 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2015

(21) Application No.8284/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHOTOCHROMIC ARTICLES THAT INCLUDE PHOTOCHROMIC DICHROIC MATERIALS

(51) International classification :C09K9/02,G02B5/23,G02C7/10
(31) Priority Document No :13/835413
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021213
Filing Date :06/03/2014
(87) International Publication No :WO 2014/149852
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEMEIO Rachel L.
2)KUMAR Anil
3)HE Meng
4)DABIDEEN Darrin R.
5)MONDAL Sujit

(57) Abstract :
The present invention relates to photochromic articles that include a substrate and at least one photochromic material that is adapted to change from an unactivated form to an activated form by exposure to radiation substantially in the wavelength range from 380 to 450 nanometers when measured over a range of from 380 to 700 nanometers. The photochromic article is also adapted to retain at least 12 percent of the delta OD measured in the Outdoor Test when tested in the Behind the Windshield Test. The photochrome material can be selected from certain compounds including, for example, fluoranthenoxazines, naphthopyrans, phenanthropyrans, fluoranthenopyrans, and indenonaphthopyrans, which each have bonded thereto at least one chiral or achiral lengthening group that provides the photochromic compound with dichroic properties. The present invention also relates to methods of forming a photochromic article.

No. of Pages : 173 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2015

(21) Application No.8285/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERAPEUTIC COMPOUNDS AND COMPOSITIONS

(51) International classification :C07D401/10,C07D401/12,C07D413/10
(31) Priority Document No :PCT/CN2013/072688
(32) Priority Date :15/03/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/000260
Filing Date :13/03/2014
(87) International Publication No :WO 2014/139325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)POPOVICI MULLER Janeta
3)ZAHLER Robert
4)CAO Sheldon
5)WANG Xiaolei
6)YE Zhixiong

(57) Abstract :
Compounds of general formula (I) and compositions comprising compounds of general formula (I) that modulate pyruvate kinase are described herein. Also described herein are methods of using the compounds that modulate pyruvate kinase in the treatment of diseases.

No. of Pages : 291 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.6061/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GRADE LEVEL ENCLOSURE CONVERSION ASSEMBLY

(51) International classification :G02B6/44,H02G3/18
(31) Priority Document No :61/752906
(32) Priority Date :15/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010747
Filing Date :08/01/2014
(87) International Publication No :WO 2014/113256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A grade level enclosure conversion assembly adapted for converting a pedestal housing between a flush to grade and an above ground pedestal installation. The base of the pedestal housing carries a plug removably mounted to a swing arm in the grade level enclosure. The swing arm holds the pedestal assembly in a stored position in the flush to grade installation containing wiring for service connections. To convert to the above ground installation a solid grade level cover plate lid is removed and the pedestal assembly is rotated on the swing arm to a raised position from which it can be removed from the swing arm (along with the wiring) and fed through an access opening in a separate cover plate lid. The plug on the pedestal housing is then positioned in the access opening to hold the pedestal assembly in the above ground position. A series of separate fiber optic splice connections or other underground utility service connections can be made when rotating the pedestal between the stored position and the above ground position.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6062/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NUTRITIONAL COMPOSITIONS CONTAINING AN ENRICHED LIPID FRACTION AND USES THEREOF

(51) International classification :A23L1/30,A23L1/305,A23C9/14
(31) Priority Document No :13/794151
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015775
Filing Date :11/02/2014
(87) International Publication No :WO 2014/143469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JOUNI Zeina
3)ALVEY John D.
4)GONZALEZ Juan M.

(57) Abstract :
The present disclosure relates to a nutritional composition comprising a fat source that includes an enriched lipid fraction derived from milk. The enriched lipid fraction may contain saturated fatty acids trans fatty acids monounsaturated fatty acids CLAs BCFAs cholesterol milk fat globule membrane proteins gangliosides and mixtures thereof. The enriched lipid fraction may exhibit additive or synergistic beneficial health effects when consumed. The disclosure further relates to methods of providing a nutritional composition comprising an enriched lipid fraction to targeted subjects.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2008

(21) Application No.62/DEL/2008 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBUSTIBLE GAS SENSOR

(51) International classification :G01N33/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VIPIN KUMAR
2)JAIN, KIRAN
3)LAKSHMI KUMAR.S.T.
4)RAGHAVENDRA, T.

(57) Abstract :
The present invention provides a combustible gas sensor. The present invention also provides a process for the fabrication of a LPG gas sensor with planar thick film technology. The present invention particularly provides the manufacturing of semi conducting oxide based bi - layer sensor where the composition of the top layer is such as to provide stability and selectivity to the sensor. The 3 main steps involved in fabrication of the sensor are (i) the sensor is a bi - layer structure where stability, sensitivity and selectivity have been achieved by a single step in providing a top layer by dip coating (ii) miniaturizing the size of the sensor heater, which leads to less power consumption (iii) providing a support to the fragile electrical leads.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014

(21) Application No.62/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GLUCAGON/GLP-1 RECEPTOR CO-AGONISTS

(51) International classification	:A61K38/26,A61K38/17,A61K38/16
(31) Priority Document No	:61/500027
(32) Priority Date	:22/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/042084 :12/06/2012
(87) International Publication No	:WO 2012/177443
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DIMARCHI Richard D.
2)SMILEY David L.

(57) Abstract :
Provided herein are peptides and variant peptides that exhibit enhanced activity at the GLP 1 receptor as compared to native glucagon.

No. of Pages : 112 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2015

(21) Application No.8447/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS COMPRISING THIENOPYRIMIDINE AND THIENOPYRIDINE COMPOUNDS AND METHODS OF USE THEREOF

(51) International classification :A61K31/519
(31) Priority Document No :61/780099
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022750
Filing Date :10/03/2014
(87) International Publication No :WO 2014/164543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CIERPICKI Tomasz
3)BORKIN Dmitry
4)HESS Jay
5)SUN Duxin
6)LI Xiaoqin

(57) Abstract :
The present invention relates generally to thienopyrimidine and thienopyridine class compounds and methods of use thereof. In particular embodiments, the present invention provides compositions comprising thienopyrimidine and thienopyridine class compounds and methods of use to inhibit the interaction of menin with MLL1 , MLL2 and MLL -fusion oncoproteins (e.g., for the treatment of leukemia , solid cancers and other diseases dependent on activity of MLL1 , MLL2 , MLL fusion proteins and/or menin).

No. of Pages : 231 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2015

(21) Application No.8448/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR FLOW SHARING IN A HYDRAULIC TRANSFORMER SYSTEM WITH MULTIPLE PUMPS

(51) International classification :F15B3/00
(31) Priority Document No :61/798649
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/029190
Filing Date :14/03/2014
(87) International Publication No :WO 2014/144676
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
To achieve flow demands for high flow services, a hydraulic system shares a flow between a hydraulic transformer and one or more hydraulic pumps. The hydraulic transformer is in selective fluid communication with the pumps and actuates a first load. A second load is driven by an actuator in selective fluid communication with the pumps and the hydraulic transformer. The hydraulic system includes a controller to reduce dynamic responses in the system by causing flow sharing between the hydraulic transformer and a directional flow control valve.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2015

(21) Application No.8449/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR ORDERING AND MANUFACTURING CUSTOM PET FOOD

(51) International classification :G01N31/00
(31) Priority Document No :61/788000
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025907
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROOS Mark A.
3)LESTER Brian

(57) Abstract :
Methods and systems for customized pet food are described. Generally , the systems and methods comprises obtaining a pet profile information from a user , which includes at least one of a species, an activity level , a medical history , a breed , a gender , a breeding status , a feeding method , an age a spayed/neutered status , a snack schedule , a biological sample , a body condition , a dental health a coat information a digestive health information and a weight of the pet. The methods and systems may also comprise obtaining a second pet profile information from a user , related to a preference regarding an ingredient , a food form , a flavor, a protein source , a shape and a texture. The methods and systems also may include correlating the first pet profile information and second pet profile information to a stored nutritional information to determine a pre- made pet blend based.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8611/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BANKNOTE STACKING DEVICE

(51) International classification :G07D13/00
(31) Priority Document No :201310187860.6
(32) Priority Date :20/05/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/072036
Filing Date :13/02/2014
(87) International Publication No :WO 2014/187176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JIN Yougang
2)HUANG Shaohai
3)WU Hongjun

(57) Abstract :
A device for stacking banknotes, comprising a mechanism (102, 103, 104, 105) for conveying a single banknote, an upper conveyor belt (153), an arc -shaped stacking plate, a movable stopping mechanism (22), a sensor device (17), and a control portion. A position on the arc -shaped stacking plate corresponding to the whole stack of banknotes is provided with an elastic sheet (28), one end whereof is secured on the arc- shaped stacking plate, and the : free end whereof extends in a direction opposite to the direction of banknote travel, this extending length forming an arch and elastically supporting the upper conveyor belt (153); a position on the arc - shaped stacking plate corresponding to the elastic sheet (28) i s provided with a through-slot, and the : free end of the elastic sheet (28) is : freely drawn through said through-slot. The provision on an arc- shaped stacking plate of an arch-shaped elastic sheet (28) in combination with raised ribs (183, 184) significantly reduces the probability of jamming due to damaged or creased bank notes, so that the banknotes are stacked according to the desired effect.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8612/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FRAGRANCE MATERIALS

(51) International classification :A61Q13/00,A61K8/11,C11B9/00
(31) Priority Document No :61/813315
(32) Priority Date :18/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/034488
Filing Date :17/04/2014
(87) International Publication No :WO 2014/172535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CUNNINGHAM Philip Andrew

(57) Abstract :
The present application relates to perfume raw materials, perfumes, perfume delivery systems and consumer products comprising such perfume raw materials, perfumes and/or such perfume delivery systems, as well as processes for making and/or using such perfume raw materials, perfume delivery systems and consumer products. Such perfume raw materials, perfumes, perfume delivery systems and consumer products can reduce the impact of certain harsh odours.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6085/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PLANAR COMPOSITE HAVING LAYERS OF PLASTIC FROM PLASTICS WITH DIFFERENT DAMPING PROPERTIES HAVING A LAYER COMPRISING LLDPE

(51) International classification	:B32B7/00,B32B7/02,B32B27/00
(31) Priority Document No	:10 2013 001 263.5
(32) Priority Date	:26/01/2013
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2014/000187 :24/01/2014
(87) International Publication No	:WO 2014/114460
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DUISKEN Mike
2)BOTHOR Roland
3)WOLTERS Michael

(57) Abstract :
The present invention relates generally to a planar composite comprising as a layer sequence: i. a carrier layer; ii. a barrier layer; wherein the layer sequence comprises a first blend layer; wherein the first blend layer comprises an LLDPE; wherein the first blend layer comprises the LLDPE in a range of from 10 wt.% to 99.9 wt.% based on the blend layer; and wherein the first blend layer has a damping factor difference in a range of from 0.3 to 0.6. The present invention furthermore relates to a process for the production of the planar composite a container which surrounds an interior and comprises at least one such planar composite and a process for the production of this container which comprises the steps of provision of the planar composite of the abovementioned layer construction folding joining and optionally filling and closing of the container obtained in this way.

No. of Pages : 87 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7961/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED 6,7-DIALKOXY-3-ISOQUINOLINOL DERIVATIVES AS INHIBITORS OF PHOSPHODIESTERASE 10 (PDE10A)

(51) International classification :C07D217/24,C07D401/06,C07D403/06
(31) Priority Document No :61/444566
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025731
Filing Date :17/02/2012
(87) International Publication No :WO 2012/112946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)PANDO Matthew P.
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9)TAVERNE Thierry

(57) Abstract :
The invention relates to compounds of the formula wherein R , Ri through R7 and Ar are as defined herein. These compounds are useful as inhibitors of phosphodiesterase 10 (PDE10A) which are useful in treating central nervous system diseases such as psychosis and also in treating, for example, obesity, type II diabetes, metabolic syndrome, glucose intolerance, pain and ophthalmic diseases.

No. of Pages : 273 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8646/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CARBAZOLE COMPOUNDS USEFUL AS BROMODOMAIN INHIBITORS

(51) International classification :C07D413/04,A61K31/403,A61P35/00
(31) Priority Document No :61/769996
(32) Priority Date :27/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018820
Filing Date :27/02/2014
(87) International Publication No :WO 2014/134232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)DELUCCA George V.
9)OMALLEY Daniel
10)NORRIS Derek J.
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12)QUESNELLE Claude A.
13)HAN Wen Ching

(57) Abstract :
The present invention is directed to carbazole compounds pharmaceutically acceptable compositions comprising compounds of the invention and methods of using said compositions in the treatment of various disorders.

No. of Pages : 295 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015
(21) Application No.8647/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RADIATED LIGHT FILTERING FOR A FLOW CYTOMETER

(51) International classification :G01N15/14,G01N21/53, A62B 23/00
(31) Priority Document No :61/798548
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/029058
Filing Date :14/03/2014
(87) International Publication No :WO 2014/144585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REED Timothy

(57) Abstract :
A filter mask for use in a flow cytometer includes light blocking features and light passing apertures. The flow cytometer operates to evaluate one or more characteristics of a sample by illuminating the sample and a carrier fluid and collecting light rays that are radiated from the sample and the carrier fluid. The light rays are passed through the filter mask. The light blocking features of the filter mask are arranged to selectively block radiated light at certain radiation angles while permit light rays having other radiation angles to pass there through. A sensor analyzer receives the light rays that pass through to evaluate at least one characteristic of the sample. The light rays can also be separated into two beams which can be independently filtered using different filter masks. The results can then be compared to provide even more information regarding characteristics of the sample.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8648/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUEL INJECTION DEVICE

(51) International classification :F02M61/16,F02M63/00,F02D45/00
(31) Priority Document No :2013078083
(32) Priority Date :03/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/056512
Filing Date :12/03/2014
(87) International Publication No :WO 2014/162832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)IKEMOTO Masato

(57) Abstract :
The present invention addresses the problem of appropriately assessing whether or not there are abnormalities in an injector and whether or not there is corrosion in an injection hole of the injector. A fuel injection device provided with: an injector for injecting fuel into cylinders of an engine; a fuel injection amount acquiring unit for acquiring the amount of fuel injected by the injector; a heat generation amount acquiring unit for acquiring the amount of heat generated by the fuel injected by the injector and ignited; and a control unit for assessing that an abnormality in the injector has occurred when the difference between the fuel injection amount acquired by the fuel injection amount acquiring unit and a reference fuel injection amount is within a predetermined range and the heat generation amount acquired by the heat generation amount acquiring unit is assessed to be greater than a reference heat generation amount corresponding to the reference fuel injection amount.

No. of Pages : 48 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.603/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PERSONALIZABLE SYSTEM AND METHOD FOR ANESTHETIZING THE TYMPANIC MEMBRANE

(51) International classification :A61F11/00,A61F11/12
(31) Priority Document No :61/511270
(32) Priority Date :25/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047179
Filing Date :18/07/2012
(87) International Publication No :WO 2013/016098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GIROTRA Rohit
4)CANTU Alfredo
5)BHAT Nikhil

(57) Abstract :
Systems and methods are provided for anesthetizing a tympanic membrane of an ear. The systems are personalizable to ensure proper anesthetizing solution administration. The systems and methods may also be useful for administering a solution to the ear canal of a human patient and for maintaining the solution therein.

No. of Pages : 37 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.6630/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ABRASION RESISTANT STEEL PLATE HAVING LOW TEMPERATURE TOUGHNESS AND HYDROGEN EMBRITTLEMENT RESISTANCE AND MANUFACTURING METHOD THEREFOR

(51) International classification :C22C38/00,C21D6/00,C21D8/02
(31) Priority Document No :2013069932
(32) Priority Date :28/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/001595
Filing Date :19/03/2014
(87) International Publication No :WO 2014/156078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided are an abrasion resistant steel plate having excellent low- temperature toughness and hydrogen embrittlement resistance , and a manufacturing method therefor. The steel plate, which has a Brinell hardness (HBW10/3000) of 401 or more and a plate thickness of 6- 125 mm , contains 50/100 µm2 or more of fine precipitates having a diameter of 50 nm2 or less in lath martensite steel that has crystal grains which are surrounded by high angle grain boundaries of a misorientation of 15° or more and have an average particle size of 20 µm or less. The steel contains by mass% C: 0.20- 0.30% Si: 0.05- 0.5% Mn: 0.5- 1.5% Cr: 0.05- 1.20% Nb: 0.01 -0.08% B: 0.0005- 0.003% Al: 0.01- 0.08% N: 0.0005 -0.008% P: 0.05% or less S: 0.005% or less and O: 0.008% or less moreover contains as required one or more rare earth elements from among Mo , V , Ti, Nd , Cu , Ni, W, Ca , and Mg , and satisfies $0.03 \leq Nb+Ti+Al+V \leq 0.14$, with the remainder being constituted by Fe and unavoidable impurities. The steel is cast and after rolling , is reheated to the Ac transformation point or higher , and successively quenched from the Ar transformation point or higher to a temperature of 250°C or less by water cooling. As required , the steel is reheated to 1100°C or more the rolling reduction of a non -recrystallisation region is 30% or more , and the steel is cooled by water cooling to a temperature of 250°C or less and reheated at a rate of 1°C/s or more to the Ac3 transformation point or higher.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2013
(21) Application No.8109/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PATIENT ADAPTED AND IMPROVED ARTICULAR IMPLANTS PROCEDURES AND TOOLS TO ADDRESS ASSESS CORRECT MODIFY AND/OR ACCOMMODATE ANATOMICAL VARIATION AND/OR ASYMMETRY

(51) International classification :A61F2/30,A61F2/28,A61F2/76
(31) Priority Document No :61/443155
(32) Priority Date :15/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025274
Filing Date :15/02/2012
(87) International Publication No :WO 2012/112698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LANG Philipp
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4)FITZ Wolfgang
5)SLAMIN John
6)STEINES Daniel
7)MINAS Thomas
8)WONG Terrance

(57) Abstract :
Methods and devices are disclosed relating improved articular models implant components and related guide tools and procedures. In addition methods and devices are disclosed relating articular models implant components and/or related guide tools and procedures that include one or more features derived from patient data for example images of the patient s joint. The data can be used to create a model for analyzing a patient s joint and to devise and evaluate a course of corrective action. The data also can be used to create patient adapted implant components and related tools and procedures.

No. of Pages : 202 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013
(21) Application No.8780/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS OF TREATING CENTRAL NERVOUS SYSTEM TUMORS

(51) International classification :C07C50/04,A61K31/12
(31) Priority Document No :61/471659
(32) Priority Date :04/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032178
Filing Date :04/04/2012
(87) International Publication No :WO 2012/138765
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JIMENEZ Joaquin J.
2)NARAIN Niven Rajin
3)SARANGARAJAN Rangaprasad
4)MCCOOK John Patrick

(57) Abstract :
The invention provides methods and compositions for treatment of a subject with a central nervous system (CNS) tumor comprising administration of Coenzyme Q10 (CoQ10), particularly when the subject exhibits at least one CNS abnormality as a result of the tumor.

No. of Pages : 56 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8780/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLOSURE FOR A CONTAINER

(51) International classification :B01L3/00,B65D51/16,A61M39/10
(31) Priority Document No :13162169.0
(32) Priority Date :03/04/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/056491
Filing Date :01/04/2014
(87) International Publication No :WO 2014/161831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIGMA ALDRICH INTERNATIONAL GMBH
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1)CHRISTENSEN Bjrn
2)WAHL Fabian
3)WEBER Michael
4)SCHINDLER Samuel
5)WILHELM Lukas

(57) Abstract :
The invention relates to a closure (1) for a Container, comprising a connecting element (2) for 13 5 connection of the closure to a Container, a sealing device (3) for sealing the access to a Container content and an interface (4) to an adapter having a coupling receptacle (5). The closure (1) has a delivery position and a use position, the sealing device (3) being sealed in a gas-and liquid-tight manner in the delivery position. In a use position, the sealing device (3) is open.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2013

(21) Application No.3641/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS DEVICES AND METHODS INCLUDING A DARK FIELD REFLECTED ILLUMINATION APPARATUS

(51) International classification :A61B18/18
(31) Priority Document No :12/925653
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001815
Filing Date :25/10/2011
(87) International Publication No :WO 2012/060862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BEHREND Matthew R.
2)HEGG Michael C.
3)HORNING Matthew P.
4)WILSON Benjamin K.

(57) Abstract :
Systems devices and methods are described that modulate a specimen background dark field micrograph contrast.

No. of Pages : 157 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2013
(21) Application No.4570/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS TO IMPROVE THE SETTING PROPERTIES AND RUB RESISTANCE OF PRINTING INKS

(51) International classification :C09D11/02,C09D11/10,C08F2/22
(31) Priority Document No :61/413611
(32) Priority Date :15/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060845
Filing Date :15/11/2011
(87) International Publication No :WO 2012/068153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BOLLARD Jerome
2)KRISHNAN Ramasamy
3)JOHNKE Christian
4)SUGIYAMA Hiroyuki
5)SCHNEIDER Mark

(57) Abstract :
Provided are high viscosity essentially non aqueous dispersions containing acrylic core/shell polymer particles in a non aqueous solvent; sheetfed heatset and coldset lithographic ink compositions containing the dispersions; and methods of printing with ink containing the dispersions to improve the setting and drying properties and rub resistance of sheet fed offset heatset and coldset lithographic inks. The lithographic inks containing the dispersions set quickly enough to allow processing of printed sheets soon after printing.

No. of Pages : 104 No. of Claims : 107

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.663/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FALL PROTECTION SAFETY DEVICE WITH A BRAKING MECHANISM

(51) International classification :A62B 1/14
(31) Priority Document No :61/289,550
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062007
Filing Date :23/12/2010
(87) International Publication No :WO 2011/079266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4213/DELNP/2012
Filed on :14/05/2012

(71)**Name of Applicant :**
1)D B INDUSTRIES, LLC
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(72)**Name of Inventor :**
1)BLOMBERG, JOHN, P.

(57) Abstract :
A fall protection safety device including a braking mechanism comprises a first component, a second component configured and arranged to move relative to the first component, and at least one magnet operatively connected to one of the components and another of the components being at least partially made of a non-ferromagnetic and electrically conductive material. The at least one magnet and the non-ferromagnetic and electrically conductive material creating an electromagnetic field force when the second component moves at a rate greater than a predetermined rate relative to the first component.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8610/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MAGNETIC LEVITATION OF A STATIONARY OR MOVING OBJECT

(51) International classification :B60L13/10,B66C1/04,B65G54/02
(31) Priority Document No :61/799695
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019956
Filing Date :03/03/2014
(87) International Publication No :WO 2014/149626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :19605 Glen Una Drive Saratoga CA 95070 U.S.A.
(72)**Name of Inventor :**
1)HENDERSON D. Gregory

(57) Abstract :
A magnetic lifting device is described. The magnetic lifting device can be configured to generate magnetic lift using a moving magnetic field to generate an eddy current effect in conductive substrate beneath the device. In one embodiment, the moving magnetic field can be generated by a rotor with arrangement of permanent magnets which is driven by a motor. In operation, the rotor can be spun up from rest to above a threshold velocity, which causes the magnetic lifting device to rise up from the conductive substrate, hover in place in free flight and move from location to location. In free flight, the magnetic lifting device can be con figured to carry a payload, such as a person.

No. of Pages : 71 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8786/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY

(51) International classification	:A61K39/00,C12N5/10,A61P35/00
(31) Priority Document No	:61/802118
(32) Priority Date	:15/03/2014
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/030671 :17/03/2014
(87) International Publication No	:WO 2015/142314
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)FEDOROV Victor D.
2)SADELAIN Michel

(57) Abstract :
The present invention provides immunoresponsive cells, including T cells, cytotoxic T cells, regulatory T cells, and Natural Killer (NK) cells, expressing an antigen recognizing receptor and an inhibitory chimeric antigen receptor (iCAR). Methods of using the immunoresponsive cell include those for the treatment of neoplasia and other pathologies where an increase in an antigen-specific immune response is desired.

No. of Pages : 187 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8787/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VEHICULAR HEAD UP DISPLAY DEVICE

(51) International classification	:B60K35/00,B60R16/02,G01D7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2013/061790 :22/04/2013
(87) International Publication No	:WO 2014/174575
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WATANABE Masaya

(57) Abstract :
A vehicular head- up display device is a display that extends left to right , the display having an overall shape that is upwardly convex , and the display being outputted so that the left right width of the display represents the vehicle width when the display is viewed from a designated viewpoint. The display may include gradations representing amounts of a specific parameter.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8781/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED INDOL- 5 -OL DERIVATIVES AND THEIR THERAPEUTIC APPLICATIONS

(51) International classification :A61K31/506,A61P35/00
(31) Priority Document No :61/852309
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/030167
Filing Date :17/03/2014
(87) International Publication No :WO 2014/145403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NANTBIOSCIENCE INC.
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(72)**Name of Inventor :**
1)TAO Chunlin

(57) Abstract :
The present invention relates generally to the use of compounds to treat a variety of disorders, diseases and pathologic conditions and more specifically to the use of substituted indol-5-ol derivatives to modulate protein kinases and for treating protein kinase-mediated diseases.

No. of Pages : 212 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013
(21) Application No.8782/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD INCLUDING LABORATORY PRODUCT TRANSPORT ELEMENT

(51) International classification :G01N35/04
(31) Priority Document No :61/486126
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037585
Filing Date :11/05/2012
(87) International Publication No :WO 2012/158541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)EBERHARDT Michael
2)MUELLER Martin
3)WIESSNER Sebastian

(57) Abstract :
The invention concerns a laboratory product transport element for a laboratory transport system with an energy receiver and/or energy accumulator to provide drive power at least one signal receiver to receive control signals a control unit to generate drive signals as a function of at least one control signal obtained from the at least one signal receiver movement devices for independent movement of the laboratory product transport element on a transfer path as a function of the drive signals of the control unit in which the drive devices are driven by the drive power and at least one holder to hold a laboratory product being transported. The invention also concerns a laboratory transport system with at least one laboratory product transport element according to an embodiment of the invention and a transfer path arrangement. The invention also concerns methods for operation of laboratory transport systems according to an embodiment of the invention.

No. of Pages : 137 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8782/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTROSURGICAL INSTRUMENT

(51) International classification :A61B18/18
(31) Priority Document No :13/831502
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/028080
Filing Date :14/03/2014
(87) International Publication No :WO 2014/152874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GREEP Darcy
2)BORGMEIER Paul
3)FRAMPTON Chad

(57) Abstract :
A fluid evacuation device is attachable to a hand-held instrument to provide the hand-held instrument with fluid evacuation capabilities. The fluid evacuation device includes a nozzle, a hose mount, and an evacuation hose. The nozzle has a receptacle that receives a portion of a hand-held instrument therein. The distal end of the nozzle has an opening therein through which fluid may be drawn into the nozzle. The fluid can pass through a flow region in the nozzle. The hose mount extends from the nozzle and connects the hose to the nozzle. The hose mount includes a passageway through which the fluid can pass from the flow region into the evacuation hose.

No. of Pages : 41 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8783/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUID EVACUATION DEVICE

(51) International classification :A61M1/00
(31) Priority Document No :13/831560
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/028094
Filing Date :14/03/2014
(87) International Publication No :WO 2014/152879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A fluid evacuation device is attachable to a hand-held instrument to provide the hand-held instrument with fluid evacuation capabilities. The fluid evacuation device includes a nozzle, a hose mount, and an evacuation hose. The nozzle has a receptacle that receives a portion of a hand-held instrument therein. The distal end of the nozzle has an opening therein through which fluid may be drawn into the nozzle. The fluid can pass through a flow region in the nozzle. The hose mount extends from the nozzle and connects the hose to the nozzle. The hose mount includes a passageway through which the fluid can pass from the flow region into the evacuation hose.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8784/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOMASS PROCESS OPTIMISATION

(51) International classification :D21C1/04,D21C3/20,D21C3/22
(31) Priority Document No :1303520.9
(32) Priority Date :27/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050575
Filing Date :26/02/2014
(87) International Publication No :WO 2014/132055
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)McGAREL GROVES Anthony Robin
3)ANDERSON Nigel Donald
4)DAY Kenneth John Coryton
5)LEAHY Patrick
6)DRAGE Geoffrey Nicholas

(57) Abstract :
There is described a method of processing biomass which comprises the steps of: (i) processing biomass material in an aqueous system in the presence of an oxalic acid catalyst to produce a slurry; (ii) subjecting the slurry to an acidified organosolv liquor and optionally de-aerating the resulting mixture before exposing the mixture to ultrasound in a pretreatment step; and (iii) completing the fractionation process using thermal digestion, followed by separation of the constituents into lignin, hemi-cellulose (monosaccharides) and cellulose with the addition of water.

No. of Pages : 36 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2013
(21) Application No.7334/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SURGICAL STAPLING INSTRUMENT

(51) International classification :A61B17/072
(31) Priority Document No :13/036647
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026531
Filing Date :24/02/2012
(87) International Publication No :WO 2012/118708
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DUNKI JACOBS Adam R.
3)BEDI James J.
4)VASUDEVAN Venkataramanan Mandakolathur

(57) Abstract :
A surgical stapler comprising a curved anvil assembly comprising staple pockets formed in a tissue contacting surface. Said staple pockets are positioned along a curved path wherein each said staple pocket comprises a staple pocket midline wherein a said staple pocket midline of a first staple pocket is neither parallel to nor collinear with a said staple pocket midline of a second staple pocket. The staple pockets further comprise a first forming cup and a second forming cup.

No. of Pages : 205 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2015
(21) Application No.8116/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REVERSE BATTERY PROTECTION FOR BATTERY POWERED DEVICES

(51) International classification :H02H11/00,H02J7/00
(31) Priority Document No :13/796890
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021146
Filing Date :06/03/2014
(87) International Publication No :WO 2014/158967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GOFMAN Igor

(57) Abstract :
Reverse battery protection circuits (1100) for devices powered by parallel-coupled batteries can include P-channel and N-channel MOSFETs. Each positive battery terminal connector (1112a, 1112b) of a battery-powered device (1130) can be coupled to a gate of an N-channel MOSFET (1133a, 1133b), a gate of a P-channel MOSFET (1146a, 1146b) and a source of another P-channel MOSFET (1132a, 1132b). In the event of a reverse battery connection, one or more of the protection circuits P-channel and N-channel MOSFETS can switch to a non-conductive state to isolate the devices load from an incorrectly installed battery and prevent the incorrectly installed battery and/or other parallel-coupled battery from prematurely discharging. In some embodiments, the load can be powered by a single correctly- installed battery. Methods of protecting a load from a reverse battery connection are also provided, as are other aspects.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2015

(21) Application No.8117/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PERSONALIZED USER SESSION INFORMATION FOR CALL HANDOFF

(51) International classification :H04M 3/00
(31) Priority Document No :61/766370
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016870
Filing Date :18/02/2014
(87) International Publication No :WO 2014/130443
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MILAM Justin
2)RATHNAM Sai
3)STIMPSON Jesse

(57) Abstract :
Techniques for hosting a communication session between a first communication device and a second communication device in an IP network are described, A contact server establishes separate communication links between itself and the communication devices wherein the communication links may traverse one or more telephony networks. The contact server receives personalized user session data generated by a user of a communication device. The personalized user session data may be indicative of a subjective evaluation of the quality of the communication link or a preference for a particular telephony network. The contact server may then cause the communication device to establish a new communication link with the contact server and hand off from its current communication link to the new communication link when the subjective evaluation of the quality of the communication link crosses a threshold level or a condition for a preference for a particular telephony network is detected.

No. of Pages : 49 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2013

(21) Application No.8444/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GALL WASP CONTROL AGENTS

(51) International classification :A61K31/713
(31) Priority Document No :61/469469
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031413
Filing Date :30/03/2012
(87) International Publication No :WO 2012/135600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)AVISAR Dror
2)STEIN Hanan
3)SHANI Ziv
4)SIEGEL Daniel

(57) Abstract :
The present invention relates to the field of RNA mediated gene silencing in insect species. The present invention is based in part on the inventors sequencing of genes from eucalyptus invasive species gall wasp pests Leptocybe invasa (Li) and Ophelimus maskelli (Om). In certain aspects the invention provides Li and Om nucleic acids derivatives thereof and the use of such nucleic acids and derivatives as gall wasp control agents.

No. of Pages : 142 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8935/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TETRAHYDROPYRAZOLO [1,5-A] PYRIMIDINE AS ANTI -TUBERCULOSIS COMPOUNDS

(51) International classification :C07D487/04,A61K31/4162
(31) Priority Document No :11382119.3
(32) Priority Date :20/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057302
Filing Date :20/04/2012
(87) International Publication No :WO 2012/143522
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BALLELL PAGES Lluis
3)CASTRO PICHEL Julia
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6)GAMO BENITO Francisco Javier
7)GARCIA PALANCAR Maria Cruz
8)REMUINAN BLANCO Modesto Jesus

(57) Abstract :
A compound of Formula (I) or a pharmaceutically acceptable salt thereof, wherein R1 represents a group selected from: i) phenyl optionally substituted with one or two substituents independently selected from Me, OMe, CF , F, CI and NMe2; ii) furanyl, thiophenyl, pyrrolyl, pyridyl, cyclohexyl or naphthyl, each of which is optionally substituted with one or two substituents in dependently selected from Me, OMe, CF , F, CI and NMe2; and iii) benzo[l,3]dioxo5-yl or 2,3-dihydrobenzo[l,4]dioxin-6-yl; R2 represents CF3, Cl-4alkyl, or CHF2; When R1 represents optionally substituted furanyl, thiophenyl, pyrrolyl, pyridyl or naphthyl, R3 represents Et; When R1 represents optionally substituted cyclohexyl, R3 represents Et or Me; Otherwise R3 represents Et, Me, Br or OMe, compositions containing them, their use in therapy, for example in the treatment of tuberculosis, and methods for the preparation of such compounds, are provided, together with certain novel compounds

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8961/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HUMERAL ARTHROPLASTY

(51) International classification :A61F2/40,A61F2/30
(31) Priority Document No :61/794348
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021576
Filing Date :07/03/2014
(87) International Publication No :WO 2014/149936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :5867 Whisperwood Court Naples Florida 34110 U.S.A.
(72)**Name of Inventor :**
1)GOLDBERG Steven S.
2)JUSTIN Daniel F.

(57) Abstract :
Arthroplasty components include an articular surface and a bone-facing surface. The bone-facing surface includes a concave arrangement of planar surfaces which converge as they approach a middle portion of the articular surface. Instruments and implantation methods are also dis closed.

No. of Pages : 102 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8962/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF PIDOTIMOD TO TREAT INFLAMMATORY BOWEL DISEASE

(51) International classification :A61K45/06,A61K31/427
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2013/057208
Filing Date :05/04/2013
(87) International Publication No :WO 2014/161595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAILLAND Federico
2)SCARCI Francesco
3)CASERINI Maurizio

(57) Abstract :
The present invention is directed to the use of pidotimod, or a physiologically acceptable salt thereof, to treat inflammatory bowel disease. For the treatment of the present invention, pidotimod, or a physiologically acceptable salt thereof, may be administered either by oral route or rectally.

No. of Pages : 14 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8963/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF PIDOTIMOD TO TREAT IRRITABLE BOWEL SYNDROME

(51) International classification :A61K45/06,A61K31/427
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2013/057205
Filing Date :05/04/2013
(87) International Publication No :WO 2014/161594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)POLICHEM SA
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(72)**Name of Inventor :**
1)MAILLAND Federico
2)SCARCI Francesco
3)CASERINI Maurizio

(57) Abstract :
The present invention is directed to the use of pidotimod, or a physiologically acceptable salt thereof, to treat irritable bowel syndrome. For the treatment of the present invention, pidotimod, or a physiologically acceptable salt thereof, may be administered either by oral route or rectally.

No. of Pages : 15 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8964/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSES FOR PRODUCING HIGH CARBON BIOGENIC REAGENTS

(51) International classification :C07C1/00,C07C4/00,C10B49/02
(31) Priority Document No :61/476025
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033630
Filing Date :13/04/2012
(87) International Publication No :WO 2012/142491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :4500 Ball Road NE Circle Pines MN 55014 U.S.A.
(72)**Name of Inventor :**
1)MENNELL James A.
2)DESPEN Daniel J.

(57) Abstract :
This invention provides processes and systems for converting biomass into high-carbon biogenic reagents that are suitable for a variety of commercial applications. Some embodiments employ pyrolysis in the presence of an inert gas to generate hot pyrolyzed solids, condensable vapors, and non-condensable gases, followed by separation of vapors and gases, and cooling of the hot pyrolyzed solids in the presence of the inert gas. Additives may be introduced during processing or combined with the reagent, or both. The biogenic reagent may include at least 70 wt%, 80 wt%, 90 wt%, 95 wt%, or more total carbon on a dry basis. The biogenic reagent may have an energy content of at least 12,000 Btu/lb, 13,000 Btu/lb, 14,000 Btu/lb, or 14,500 Btu/lb on a dry basis. The biogenic reagent may be formed into fine powders, or structural objects. The structural objects may have a structure and/or strength that derive from the feedstock, heat rate, and additives.

No. of Pages : 132 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8964/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOUNDS FOR TREATMENT OF CANCER

(51) International classification :A01N43/50,A61K31/4164,A61K31/4166
(31) Priority Document No :61/772885
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020858
Filing Date :05/03/2014
(87) International Publication No :WO 2014/138279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION
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(72)**Name of Inventor :**
1)WANG Jin
2)CHEN Jianjun
3)MILLER Duane D.
4)LI Wei

(57) Abstract :
The present invention relates to pharmaceutical compositions for treating cancer comprising BRAF inhibitors, (e.g. vemurafenib) and/or MEK inhibitor, (e.g. trametinib, RO5068760), in combination with anti-tubulin compounds of the invention or other known tubulin inhibitors, and using such compositions for treating cancer such as melanoma, drug-resistant cancer, and cancer metastasis.

No. of Pages : 198 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8965/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH CARBON BIOGENIC REAGENTS AND USES THEREOF

(51) International classification :C09K3/00,C10L5/44,C10L8/00
(31) Priority Document No :61/476025
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033624
Filing Date :13/04/2012
(87) International Publication No :WO 2012/142486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MENNELL James A.
2)DESPEN Daniel J.
3)FILIPS Steve

(57) Abstract :
This invention provides processes and systems for converting biomass into high-carbon biogenic reagents that are suitable for a variety of commercial applications. Some embodiments employ pyrolysis in the presence of an inert gas to generate hot pyrolyzed solids, condensable vapors, and non-condensable gases, followed by separation of vapors and gases, and cooling of the hot pyrolyzed solids in the presence of the inert gas. Additives may be introduced during processing or combined with the reagent, or both. The biogenic reagent may include at least 70 wt%, 80 wt%, 90 wt%, 95 wt%, or more total carbon on a dry basis. The biogenic reagent may have an energy content of at least 12,000 Btu/lb, 13,000 Btu/lb, 14,000 Btu/lb, or 14,500 Btu/lb on a dry basis. The biogenic reagent may be formed into fine powders, or structural objects.

No. of Pages : 138 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014
(21) Application No.573/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 3 ALKOXY THIOALKYL AND AMINO 4 AMINO 6 (SUBSTITUTED)PICOLINATES AND THEIR USE AS HERBICIDES

(51) International classification :A01N43/40
(31) Priority Document No :61/502888
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044970
Filing Date :29/06/2012
(87) International Publication No :WO 2013/003740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)SCHMITZER Paul R.
5)ECKELBARGER Joseph D.
6)GUENTHENSPBERGER Katherine A.
7)SIDDALL Thomas L.
8)YERKES Carla N.
9)FISCHER Lindsey Gayle
10)GIAMPIETRO Natalie Christine
11)KISTER Jeremy
12)ROTH Joshua

(57) Abstract :
3 alkoxy thioalkyl and amino 4 amino 6 (substituted)picolinic acids having a halogen alkyl or mono di tri and tetra substituted aryl substituents in the 6 position and their acid derivatives are herbicides demonstrating a broad spectrum of weed control.

No. of Pages : 154 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6136/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OSCILLATING FLOW MINIREACTOR

(51) International classification :B01J19/00,B01F5/06,B01F11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/050386
Filing Date :13/01/2011
(87) International Publication No :WO 2012/095176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)REINTJENS Rafael Wilhelmus Elisabeth Ghislain
2)THATHAGAR Mehul

(57) Abstract :
The present invention relates to an apparatus comprising a) an unbaffled reactor or microreactor having a channel defined by a pathway and b) an oscillating flow device wherein the channel pathway comprises a pluraltiy of directional changes. The reactor channel has a hydrolic diameter from 0.1 mm to 10 mm. A method of making said apparatus and the use of said apparatus to carry out a process on a suspension is also disclosed.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2002

(21) Application No.628/DEL/2002 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RING-SUBSTITUTED QUINOLINE ANALOGUES AS ANTI-TUBERCULOSIS AGENT

(51) International classification :C07D215/227
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MEENAKSHI JAIN
4)SANDEEP SACHDEVA
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6)CHAMAN LAL KAUL
7)SUKHRAJ KAUR
8)BALASUBRAMANIAN VAITILINGAM
9)AMIT NAYYAR
10)PALDE PRAKASH BHASKAR

(57) Abstract :
The present invention provides ring substituted quinoline analogues of general formula (1), its process of preparation and their use in the treatment and preparation of tuberculosis: wherein R represents linear or branched chain alkyl groups containing 1 to 5 carbon atoms and cycloalkyl groups containing 3 to 15 carbon atoms, X represents -CH:,; -(CH2)mOH (m = 1 or 2); -(CH2)nCOR1, [n=0 or 1, R, = H, OH, OCH3, OC2H5, NHNH2, ring substituted or unsubstituted phenylhydrazine, piperazinyl, substituted piperazinyl, naturally occurring D and L amino acids linked through N-terminal, primary amine having C3 - C8 carbon atoms, secondary amine having C1-C5 carbon atoms or N-substituted benzyl amine]

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.7351/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATION VACCINES

(51) International classification :A61K39/145,A61K39/125,A61K39/36
(31) Priority Document No :2011900262
(32) Priority Date :27/01/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000069
Filing Date :27/01/2012
(87) International Publication No :WO 2012/100302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MULLBACHER Arno
2)ALSHARIFI Mohammed
3)HIRST Tim

(57) Abstract :
The present invention relates to the field of vaccines. More specifically the present invention relates to compositions and methods for enhancing immune responses induced by vaccines including vaccines targeted at secondary infections and conditions associated with influenza infection.

No. of Pages : 142 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.886/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AMINO PROPYLENE GLYCOL DERIVATIVES PREPARATION METHOD AND PHARMACEUTICAL COMPOSITION AND USE THEREOF

(51) International classification	:C07C215/38,C07C217/48,C07C217/56
(31) Priority Document No	:201110188255.1
(32) Priority Date	:06/07/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2012/078244 :05/07/2012
(87) International Publication No	:WO 2013/004190
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)WANG Xiaojian
4)JIN Jing
5)LI Gang
6)ZHANG Yi
7)XIAO Qiong
8)ZHOU Wanqi
9)CHEN Xiaoguang
10)YIN Dali

(57) Abstract :
Disclosed are immune modulators of formula (I) the preparation method thereof a pharmaceutical composition containing the immune modulators and the use of the pharmaceutical composition as a drug especially as an immune modulating drug. The compound can be used in immune disorders and immune suppression and can be used in treating hypo immunity rejection after organ transplantation and auto immune disease.

No. of Pages : 143 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2014

(21) Application No.9205/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOCK FOR A FLAP OR DOOR

(51) International classification :E05B65/12
(31) Priority Document No :10 2012 207 442.2
(32) Priority Date :04/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000245
Filing Date :02/05/2013
(87) International Publication No :WO 2013/163982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BENDEL, Thorsten
2)HANDKE, Armin
3)HERRMANN, Michael
4)OCHTROP, Matthias

(57) Abstract :
The aim of the invention is to design a door lock or flap lock which can be easily and reliably opened with little effort. Said aim is achieved by a door lock or flap lock comprising a locking mechanism that consists of a rotary latch and at least one pawl for locking the rotary latch the design of the rotary latch and the pawl being such that the rotary latch can initiate a torque in the pawl in particular an opening moment. The torque is dependent on the detent position of the pawl.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013
(21) Application No.8785/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION IN A CONTAINER

(51) International classification :A61K8/04,A61K8/34,A61K8/41
(31) Priority Document No :11165474.5
(32) Priority Date :10/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/037243
Filing Date :10/05/2012
(87) International Publication No:WO 2012/154918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)LOECHEL Florian

(57) Abstract :
The present invention relates to a cosmetic composition in a container comprising at least one inner bag and an outer container wherein the outer container encloses the inner bag and is filled with a propellant compressing the inner bag and a valve mechanism attached to the inner bag moveable between an open position in which a composition stored in the inner bag is allowed to be discharged by the pressure of the compressed gas in foam form and a closed position in which the composition is not allowed to be discharged wherein the composition within the inner bag comprises 0.1 to 5 % by weight of a cationic surfactant (A) 0.1 to 10 % by weight of a fatty alcohol (B) and 0.1 to 10 % by weight of carbon dioxide.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2015

(21) Application No.8785/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS OPERATIONS FOR BIOMASS FRACTIONATION

(51) International classification :C08B37/00,D21C1/00,D21C3/00
(31) Priority Document No :1303521.7
(32) Priority Date :27/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050576
Filing Date :26/02/2014
(87) International Publication No :WO 2014/132056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GATES Malcolm Gilbert
2)McGAREL GROVES Anthony Robin
3)ANDERSON Nigel Donald
4)DAY Kenneth John Coryton
5)LEAHY Patrick
6)DRAGE Geoffrey Nicholas

(57) Abstract :
There is described a method of fractionating a biomass material comprising: (i) blending the biomass material with an acid catalyst to form a slurry; (ii) mixing the slurry with an organosolv reagent optionally under an inert atmosphere to form a pre-treatment mix; (iii) subjecting the pre-treatment mix to sonication; (iv) optionally heating the product of step (iii) in an autoclave under pressure; (v) separating the solid and liquid components of the fractionation mix; (vi) optionally washing the solid; (vii) option ally drying the solid component; (viii) separating the liquid component into organic and aqueous components; and (ix) isolating lignin from the organic component and/or isolating hemi- cellulose from the aqueous component.

No. of Pages : 45 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.9310/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAPLE CARTRIGE COMPRISING A TISSUE THICKNESS COMPENSATOR

(51) International classification :A61B17/072
(31) Priority Document No :13/097924
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033492
Filing Date :13/04/2012
(87) International Publication No :WO 2012/148710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY INC.
Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A.
(72)**Name of Inventor :**
1)SHELTON Frederick E. IV
2)BAXTER Chester O. III
3)ARONHALT Taylor W.
4)YOUNG Joseph E.

(57) Abstract :
A fastener cartridge can comprise a support portion a tissue thickness compensator positioned relative to the support portion and a plurality of fasteners positioned within the support portion and/or the tissue thickness compensator which can be utilized to fasten tissue. In use the fastener cartridge can be positioned in a first jaw of a surgical fastening device wherein a second jaw or anvil can be positioned opposite the first jaw. To deploy the fasteners a staple deploying member is advanced through the fastener cartridge to move the fasteners toward the anvil. As the fasteners are deployed the fasteners can capture at least a portion of the tissue thickness compensator therein along with at least a portion of the tissue being fastened.

No. of Pages : 472 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.9311/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAPLE CARTRIDGE COMPRISING COMPRESSIBLE DISTORTION RESISTANT COMPONENTS

(51) International classification :A61B17/072
(31) Priority Document No :13/097938
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033453
Filing Date :13/04/2012
(87) International Publication No :WO 2012/148703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BAXTER Chester O.
3)ARONHALT Taylor W.
4)YOUNG Joseph E.

(57) Abstract :
A fastener cartridge can comprise a support portion a tissue thickness compensator positioned relative to the support portion and a plurality of fasteners positioned within the support portion and/or the tissue thickness compensator which can be utilized to fasten tissue. In use the fastener cartridge can be positioned in a first jaw of a surgical fastening device wherein a second jaw or anvil can be positioned opposite the first jaw. To deploy the fasteners a staple deploying member is advanced through the fastener cartridge to move the fasteners toward the anvil. As the fasteners are deployed the fasteners can capture at least a portion of the tissue thickness compensator therein along with at least a portion of the tissue being fastened.

No. of Pages : 474 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8613/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ION MOBILITY SPECTROMETRY (IMS) DEVICE WITH CHARGED MATERIAL TRANSPORTATION CHAMBER

(51) International classification :G01N27/62,H01J49/02,H01J49/04
(31) Priority Document No :61/802928
(32) Priority Date :18/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2014/050290
Filing Date :18/03/2014
(87) International Publication No :WO 2014/146200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)PINIARSKI Mark
7)KUBELIK Igor
8)BIAN Qunzhou
9)FELDBERG Simon
10)GREEN Douglas Jason
11)BOSO Brian
12)PATEL Atin J.

(57) Abstract :
An ion detection assembly is described that includes a drift chamber an inlet assembly and a collector assembly. The drift chamber is formed of substantially non - conductive material and/or semi- conductive material. A patterned resistive trace is deposited on one or more of an interior surface or an exterior surface of the drift chamber. The patterned resistive trace is configured to connect to a source of electrical energy. The inlet assembly and the collector assembly are in fluid communication with the drift chamber. The inlet assembly includes an inlet for receiving a sample , a reaction region for ionizing the sample and a gate for controlling entrance of the ionized sample to the drift chamber. The collector assembly includes a collector plate for collecting the ionized sample after the ionized sample passes through the drift chamber.

No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8614/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRACE ANALYTE COLLECTION SWAB

(51) International classification :G01N1/10,B42D25/25,B65D27/00
(31) Priority Document No :61/802890
(32) Priority Date :18/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2014/050200
Filing Date :10/03/2014
(87) International Publication No :WO 2014/146197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)THOMSON Paul Christopher Peter
2)PATEL Atin J.

(57) Abstract :
A trace analyte collection swab having a collection surface at least partially coated with a microscopically tacky sub -stance to enhance pick-up efficiency is described. In embodiments, the trace analyte collection swab comprises a substrate including a surface having a trace analyte collection area and a coating disposed on the surface of the substrate in the trace analyte collection area. The coating is configured to be microscopically adhesive to collect particles of the trace analyte from a surface when the trace analyte collection area is placed against the surface. In one embodiment, the coating comprises Polyisobutylene.

No. of Pages : 27 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8779/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED N-(3-(PYRIMIDIN-4-YL)PHENYL)ACRYLAMIDE ANALOGS AS TYROSINE RECEPTOR KINASE BTK INHIBITORS

(51) International classification	:C07D239/72,A01N43/00,A61K31/55
(31) Priority Document No	:61/471074
(32) Priority Date	:01/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/031772 :01/04/2012
(87) International Publication No	:WO 2012/135801
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)VANKAYALAPATI Hariprasad
3)SORNA Venkataswamy
4)WARNER Steven L.
5)SHARMA Sunil

(57) Abstract :
In one aspect the invention relates to substituted N-(3-(pyrimidin4-yl)phenyl)acrylamide analogs derivatives thereof and related compounds which are useful as inhibitors of the BTK kinase; synthetic methods for making the compounds; pharmaceutical compositions comprising the compounds; and methods of using the compounds and compositions to treat disorders associated with dysfunction of the BTK kinase. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages : 190 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.9308/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAPLE CARTRIDGE COMPRISING A RELEASABLE PORTION

(51) International classification :A61B17/072
(31) Priority Document No :13/097873
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033446
Filing Date :13/04/2012
(87) International Publication No :WO 2012/148702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAXTER Chester O. III
3)ARONHALT Taylor W.
4)MORGAN Jerome R.
5)YOUNG Joseph E.

(57) Abstract :
A fastener cartridge can comprise a support portion a tissue thickness compensator positioned relative to the support portion and a plurality of fasteners positioned within the support portion and/or the tissue thickness compensator which can be utilized to fasten tissue. In use the fastener cartridge can be positioned in a first jaw of a surgical fastening device wherein a second jaw or anvil can be positioned opposite the first jaw. To deploy the fasteners a staple deploying member is advanced through the fastener cartridge to move the fasteners toward the anvil. As the fasteners are deployed the fasteners can capture at least a portion of the tissue thickness compensator therein along with at least a portion of the tissue being fastened.

No. of Pages : 473 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013

(21) Application No.9486/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUNGICIDE HYDROXIMOYL TETRAZOLE DERIVATIVES

(51) International classification :C07D401/12,C07D401/14,C07D405/14
(31) Priority Document No :11356004.9
(32) Priority Date :08/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055771
Filing Date :30/03/2012
(87) International Publication No :WO 2012/136581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BENTING J¼rgen
2)COQUERON Pierre Yves
3)DESBORDES Philippe
4)DUBOST Christophe
5)PORTZ Daniela
6)REBSTOCK Anne Sophie
7)WACHENDORFF NEUMANN Ulrike

(57) Abstract :
The present invention relates to hydroximoyl tetrazole derivatives of formula (I) their process of preparation their use as fungicide active agents particularly in the form of fungicide compositions and methods for the control of phytopathogenic fungi notably of plants using these compounds or compositions. Formula (I) wherein A represents a tetrazoyl group Het represents a pyridyl group or a thiazolyl group and X represents various substituents.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2015

(21) Application No.8286/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PROCESS FOR FERMENTING CO CONTAINING GASEOUS SUBSTRATES

(51) International classification :C12P7/06
(31) Priority Document No :61/764840
(32) Priority Date :14/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015892
Filing Date :11/02/2014
(87) International Publication No :WO 2014/126940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BELL, Peter Simpson
3)LIU, Song
(72)**Name of Inventor :**
1)BELL Peter Simpson
2)LIU Song

(57) Abstract :
A process provides high ethanol productivity levels during fermentation of a CO-containing substrate. The process controls CO-substrate feed rates and cell density to avoid culture upset and CO inhibition. The process includes fermenting a CO-containing gaseous substrate to obtain a target cell density and a target CO feed rate, and then periodically reducing and increasing the CO feed rate.

No. of Pages : 41 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8976/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH -THROUGHPUT PARTICLE PRODUCTION USING A PLASMA SYSTEM

(51) International classification :H05H1/42
(31) Priority Document No :61/784299
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024933
Filing Date :12/03/2014
(87) International Publication No :WO 2014/159736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEAMON David
3)LAYMAN Frederick P.
4)LEFEVRE Paul

(57) Abstract :
The present disclosure relates to a nano-particle production system and methods of using the system. The nano-particle production system includes a plasma gun including a male electrode, a female electrodes and a working gas supply configured to deliver a working gas in a vortexing helical flow direction across a plasma generation region. The system also includes a continuous feed system, a quench chamber, a cooling conduit that includes a laminar flow disruptor, a system over pressure module, and a conditioning fluid purification and recirculation system.

No. of Pages : 86 No. of Claims : 113

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8977/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATED DESKTOP PLACEMENT

(51) International classification :G06F15/173
(31) Priority Document No :13/794490
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020655
Filing Date :05/03/2014
(87) International Publication No :WO 2014/164119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)AH KUN Malcolm Russell
4)FARRELL Eugene Michael

(57) Abstract :
Systems and methods are presented for enabling a user to provide rules for the placement of computing resources at a data center for an entity that employs or is associated with the user. The data center can use the placement rules to select a data center computer system to host computing resources for a user. The rules can be used to establish diversity in computing resource placement at the data center thereby reducing the number of users who lose access to computing resources when a specific data center computer suffers a failure. Further, the placement rules can be used to facilitate configuration of the computer resources for the user based, for example, on the users employment responsibilities.

No. of Pages : 79 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.9298/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POPPET VALVE ASSEMBLY FOR CONTROLLING A PNEUMATIC ACTUATOR

(51) International classification :F15B11/00,F15B13/042
(31) Priority Document No :61/470993
(32) Priority Date :01/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031197
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PENNING Bruce R.

(57) Abstract :
A poppet valve assembly to control a pneumatic actuator may include a housing having a central bore. A first module may be disposed within the central bore and the first module may have a first and second poppet valve. A second module may also be disposed within the central bore and the second module may have a third and fourth poppet valve. A supply of pressurized fluid may be in fluid communication with a plurality of control valves such that pressurized fluid from the control valves opens and closes the poppet valves. The supply of pressurized fluid may also be in fluid communication with the first module and the second module such that the opening and closing of the poppet valves controls the position of the pneumatic actuator.

No. of Pages : 77 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013
(21) Application No.9471/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI NERVE GROWTH FACTOR ANTIBODIES AND METHODS OF PREPARING AND USING THE SAME

(51) International classification :C07K16/22,C07K16/46
(31) Priority Document No :61/483488
(32) Priority Date :06/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2012/051003
Filing Date :08/05/2012
(87) International Publication No :WO 2012/153122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GEARING David

(57) Abstract :
A method of preparing an antibody suitable for use in a feline is provided. Also provided are chimeric and felinised antibodies which specifically bind to feline neuronal growth factor (NGF) and neutralise the ability of feline NGF to bind to the p75 or TrkA feline NGF receptor. The invention extends to nucleic acids encoding same and to methods of treating pain and arthritis in a feline using said antibodies and/or nucleic acids.

No. of Pages : 146 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015
(21) Application No.6481/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESD-PROTECTION CIRCUIT FOR INTEGRATED CIRCUIT DEVICE

(51) International classification :H01L29/739,H01L29/74
(31) Priority Document No :61/758590
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013671
Filing Date :29/01/2014
(87) International Publication No :WO 2014/120824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FERNANDEZ Marija
3)BESSEUX Patrick
4)BRAITHWAITE Rohan

(57) Abstract :
A double-diffused metal oxide semiconductor (DMOS) dual structure is configured as an open drain output driver having electrostatic discharge (ESD) protection without requiring metal connections for the ESD and reverse voltage blocking diode protections. One of a pair of source cells (102b, 104b, 106b) is used as an open drain output cell, forming eg. a reverse blocking di ode (234) and achieving bipolar operation in the on-state, a built-in structure, eg. a built-in SCR, being used for ESD self-protection. The gate electrode (110b) adjacent the reverse blocking diode is connected to the open drain output terminal (232).

No. of Pages : 51 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.867/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL COMPOUND HAVING PARP INHIBITORY ACTIVITY

(51) International classification :C07D487/04,A61K31/519,A61K31/5377
(31) Priority Document No :2011154636
(32) Priority Date :13/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067775
Filing Date :12/07/2012
(87) International Publication No :WO 2013/008872
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)TAKAOKA Shinji
5)FUJIOKA Yasutaka
6)MATSUDA Mamoru
7)OHASHI Koji
8)FUJITA Yukie
9)HIRAI Shin ichiro
10)KURASHIMA Hiroaki

(57) Abstract :
A compound represented by general formula (1) or a salt thereof. R represents a halogen atom or the like; R and R represent a hydrogen atom or the like; R and R represent a hydrogen atom or the like or R and R may form an oxo group; R and R represent an optionally substituted lower alkyl group or the like or may bond and form a nitrogen containing heterocycle optionally substituted by one or multiple R; R represents an optionally substituted aryl group or the like; ring A represents a benzene ring or the like; m represents 0 1 or 2.

No. of Pages : 120 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2014
(21) Application No.9016/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR COMPRESSING GAS IN A PLURALITY OF STAGES TO A STORAGE TANK ARRAY HAVING A PLURALITY OF STORAGE TANKS

(51) International classification :B60S5/02,B60K15/00
(31) Priority Document No :13/462177
(32) Priority Date :02/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039308
Filing Date :02/05/2013
(87) International Publication No :WO 2013/166314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KILLEEN Bryan
3)GUICHARD Carl

(57) Abstract :
A method and apparatus for compressing gases and supplying compressed gaseous fuel to a consuming device such as a gaseous fueled vehicle or the like. One embodiment includes a gas compressor for compressing the gaseous fuel to an array of tanks having predetermined initial set points which are increasing for tanks in the array. One embodiment provides a selecting valve having first and second families of ports wherein the valve can be operated to select a plurality of ports from the first family to be fluidly connected with a plurality of ports with the second family and such fluid connections can be changed by operation of the valve.

No. of Pages : 171 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2014

(21) Application No.9188/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RUBBER MIXTURE

(51) International classification :C08K3/00,C08K9/04,C08L21/00
(31) Priority Document No :10 2012 103 273.4
(32) Priority Date :16/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054822
Filing Date :11/03/2013
(87) International Publication No :WO 2013/156203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIRSCHLAG, Hubert
3)LACAYO- PINEDA, Jorge

(57) Abstract :
The invention relates to a rubber mixture in particular for vehicle pneumatic tires belts drive belts and hoses. The rubber mixture here is characterized by the following composition: at least one polar or non polar rubber; at least one light and/or dark filler; at least one sulfur which is mixed with at least one terpenoid and/or at least one highly viscous oil; and further additives.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2014

(21) Application No.919/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERMAL ENERGY STORAGE APPARATUS

(51) International classification :F28D20/02
(31) Priority Document No :61/521487
(32) Priority Date :09/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2012/000938
Filing Date :09/08/2012
(87) International Publication No :WO 2013/020176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GLYNN Patrick Joseph
(72)**Name of Inventor :**
1)PARKINSON Neil
2)GLYNN Patrick Joseph

(57) Abstract :
A thermal energy storage apparatus including: a block of a heat absorbing material and a plurality of heat storage elements the heat storage elements including a phase change material stored in a containment vessel; wherein each heat storage element is in thermal contact with the block of heat absorbing material.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2014

(21) Application No.971/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTIMIZED LIQUID-PHASE OXIDATION

(51) International classification :C07C 51/47
(31) Priority Document No :60/606,736
(32) Priority Date :02/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/030658
Filing Date :29/08/2005
(87) International Publication No :WO 2004/052820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :438/DELNP/2007
Filed on :29/08/2007

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2)LEE REYNOLDS PARTIN
3)WAYNE SCOTT STRASSER
4)MARCEL DE VREEDE
5)PUNEET GUPTA
6)HOWARD WOOD JENKINS, JR.

(57) Abstract :
Disclosed is an optimized process and apparatus for more efficiently and economically carrying out the liquid-phase oxidation of an oxidizable compound. Such liquid-phase oxidation is carried out in a bubble column reactor that provides for a highly efficient reaction at relatively low temperatures. When the oxidized compound is para-xylene and the product from the oxidation reaction is crude terephthalic acid (CTA), such CTA product can be purified and separated by more economical techniques than could be employed if the CTA were formed by a conventional high-temperature oxidation process.

No. of Pages : 179 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.9315/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAPLE CARTRIDGE COMPRISING STAPLES POSITIONED WITHIN A COMPRESSIBLE PORTION THEREOF

(51) International classification :A61B17/072
(31) Priority Document No :13/097856
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032969
Filing Date :11/04/2012
(87) International Publication No :WO 2012/148666
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ARONHALT Taylor W.
4)YOUNG Joseph E.

(57) Abstract :
A fastener cartridge can comprise a support portion, a tissue thickness compensator positioned relative to the support portion, and a plurality of fasteners positioned within the support portion and/or the tissue thickness compensator which can be utilized to fasten tissue. In use, the fastener cartridge can be positioned in a first jaw of a surgical fastening device, wherein a second jaw, or anvil, can be positioned opposite the first jaw. To deploy the fasteners, a staple-deploying member is advanced through the fastener cartridge to move the fasteners toward the anvil. As the fasteners are deployed, the fasteners can capture at least a portion of the tissue thickness compensator therein along with at least a portion of the tissue being fastened.

No. of Pages : 474 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9856/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MACHINE TOOL

(51) International classification :B23Q39/02
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/ES2011/070345
Filing Date :13/05/2011
(87) International Publication No :WO 2012/156541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)IBARRA GARCES Jorge

(57) Abstract :
The invention relates to a machine tool comprising: a part holding assembly (11) including a part holder (12) and being supported by a part holding support (1) for the horizontal movement thereof in a first direction parallel to a horizontal Z axis and a first tool holder (21) supported by a tool holder support (2) for the horizontal movement thereof in a second direction. The first tool holder (21) can be moved in the second direction between an operating position in which the first tool holder (21) is facing the part holder assembly (11) and a non operating position in which the first tool holder (21) is not facing the part holder assembly (11). The invention also relates to a method for machining a rod using said machine tool.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2015

(21) Application No.8450/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WATER -SOLUBLE POLYMER AND POLYMER INTERNAL LUBRICANT

(51) International classification :C08L29/04,C08K3/16,C08K5/098
(31) Priority Document No :1305380.6
(32) Priority Date :25/03/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050846
Filing Date :18/03/2014
(87) International Publication No :WO 2014/155059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORRIS Peter

(57) Abstract :
A melt-processable water soluble polymer composition having a high Melt Flow Index comprising a blend of a water soluble polymer with at least 15% by weight of the total composition of a hygroscopic salt to act as a lubricant to render the polymer extrudable and/or mouldable, wherein the water content of the salt is of less than 10% by weight, and optionally a solvent polymer plasticizer in a lower amount by weight percent than the hygroscopic salt.

No. of Pages : 20 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8952/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL ROCK INHIBITORS

(51) International classification :C07D401/12,C07D401/14,C07D405/14
(31) Priority Document No :1107223.8
(32) Priority Date :29/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/057785
Filing Date :27/04/2012
(87) International Publication No :WO 2012/146724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEYSEN Dirk
2)DEFERT Olivier
3)BOLAND Sandro
4)ALEN Jo
5)BOURIN Arnaud Pierre Jean

(57) Abstract :
The present invention relates to new kinase inhibitors of Formula (I), wherein X is oxygen, -NH-, or a direct bond; Y is -NH- or a direct bond; n is an integer from 0 to 4; m is an integer from 0 to 4; Cy represents a bivalent radical consisting of a sat - ured (poly)cycle, including fused, bi-, spiro or bridged carbocycles and heterocycles; in particular selected from the group consisting ofFormula (II), Ar is selected from the group comprising: Formula (III), R2 is hydrogen or methyl; R8 is hydrogen, methyl, halogen, or alkynyl; R1 is an aryl or heteroaryl more specifically ROCK inhibitors, compositions, in particular pharmaceuticals, comprising such inhibitors, and to uses of such inhibitors in the treatment and prophylaxis of disease. In particular, the present invention relates to new ROCK inhibitors, compositions, in particular pharmaceuticals, comprising such inhibitors, and to uses of such inhibitors in the treatment and prophylaxis of disease. In addition, the invention relates to methods of treatment and use of said compounds in the manufacture of a medicament for the application to a number of therapeutic indications including sexual dysfunction, inflammatory diseases, ophthalmic diseases and Respiratory diseases.

No. of Pages : 95 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9851/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PAENIBACILLUS ALVEI STRAIN TS 15 AND ITS USE IN CONTROLLING PATHOGENIC ORGANISMS

(51) International classification	:A01N63/00,A23L3/00,A23L3/3571
(31) Priority Document No	:61/488271
(32) Priority Date	:20/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/038584 :18/05/2012
(87) International Publication No	:WO 2012/166392
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)BROWN Eric W.
2)ZHENG Jie
3)ENURAH Alexander

(57) Abstract :
The present invention provides an isolated bacteria designated Paenibacillus alvei TS-15 for use as a biocontrol agent in the inhibition and/ or elimination of a human foodborne pathogen, e.g., Salmonella, on a plant or plant organ, e.g., a tomato or tomato plant. TS-15 or mutants thereof may also be used in the control of plant pathogens.

No. of Pages : 127 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9853/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPRESSOR OF AN EXHAUST GAS TURBOCHARGER

(51) International classification :F02B39/00,F04D29/40,F02B37/16
(31) Priority Document No :10 2011 101 036.3
(32) Priority Date :10/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/US2012/035156
Filing Date :26/04/2012
(87) International Publication No :WO 2012/154414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SEKULARAC Aleksander
2)LISCHER Thomas

(57) Abstract :
The invention relates to a compressor (1) of an exhaust gas turbocharger (ATL) having a compressor wheel (2); and having a compressor housing (3) which has a housing longitudinal axis (A) in which the compressor wheel (2) is arranged and which has an inlet duct (5) said inlet duct running from a compressor inlet (4) to the compressor wheel (2) and having a recirculation duct (6) which has a compressor wheel side inflow opening (7) and a compressor inlet side return flow opening (8) wherein the inflow opening (7) and the return flow opening (8) can be opened and closed.

No. of Pages : 10 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013
(21) Application No.9840/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MICRORNA COMPOUNDS AND METHODS FOR MODULATING MIR 21 ACTIVITY

(51) International classification :C12N15/113,A61P35/00
(31) Priority Document No :61/478767
(32) Priority Date :25/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034880
Filing Date :25/04/2012
(87) International Publication No :WO 2012/148952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHAT Balkrishen

(57) Abstract :
Described herein are compositions and methods for the inhibition of miR-21 activity. The compositions have certain nucleoside modification patterns that yield potent inhibitors of miR-21 activity. The compositions may be used to inhibit miR-21 and also to treat diseases associated with abnormal expression of miR-21 such as fibrosis and cancer.

No. of Pages : 102 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8965/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TWO -STAGE CLUTCH

(51) International classification :F16D13/04
(31) Priority Document No :10 2013 208 194.4
(32) Priority Date :06/05/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2014/200198
Filing Date :06/05/2014
(87) International Publication No :WO 2014/180479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)RABER Christoph

(57) Abstract :
The invention relates to a twostage clutch for detachably connecting an input shaft to at least one Output shaft, comprising a clutch cover, a clutch basket, and a plurality of sub-clutches, wherein the sub-clutches are connected in series. A first sub-clutch is a pilot clutch that can be actively shifted. A second subclutch is a main clutch, which can be shifted by the pilot clutch, wherein a shifting force for the main clutch is produced by means of a torque transmitted by a shaft. In said two-stage clutch, the clutch cover can be rigidly connected to the clutch basket. High torques can be transmitted by means of the two-stage clutch proposed here despite low external shifting forces. At the same time, the construction and the assembly are significantly simplified despite the high level of complexity of the two-stage clutch, and the two-stage clutch has a significantly reduced rotating mass.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8966/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CATALYST TEMPERATURE ESTIMATION DEVICE

(51) International classification :F02D45/00,F02D41/12,F02D17/02
(31) Priority Document No :2014038935
(32) Priority Date :28/02/2014
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2015/052733
Filing Date :30/01/2015
(87) International Publication No :WO 2015/129386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TANOZAWA Issei

(57) Abstract :
[Problem] To improve the precision with which the catalyst temperature is estimated when the fuel is cut, by correcting the estimated temperature when the fuel cut starts in one cylinder. [Solution] A catalyst temperature estimation device equipped with a temperature estimation means that estimates the temperature of a catalyst provided in the exhaust passage of a multi-cylinder engine, said catalyst temperature estimation device characterized by being equipped with a fuel cut determination means that determines that a fuel cut has begun in at least one of the cylinders of the multi-cylinder engine, and when the fuel cut determination means determines that a fuel cut has begun, the temperature estimation means corrects the estimated temperature.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2015

(21) Application No.8967/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEMAND- SIDE INITIATED DIMMABLE LED LAMP

(51) International classification :H05B37/02
(31) Priority Document No :13/791407
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/002037
Filing Date :05/06/2013
(87) International Publication No :WO 2014/135918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHANG, Wen,Ten
4)LI, Chang-horang
(72)**Name of Inventor :**
1)SHUY Geoffrey Wen tai
2)CHANG Wen Ten
3)LI Chang horang

(57) Abstract :
A demand-side dimmable LED lamp operable on a direct current power source that powers a lighting subsystem. The dimming unit selects a power consumption level of the lighting system. Such selection changes the efficacy of the lighting subsystem such that a reduction in power consumption actually results in improved efficacy. The selecting might, for example, select a particular passive network that includes LEDs within the lighting subsystem. Each passive network may have different I-V characteristics, and result in different L-P characteristics, thereby effecting the improved efficacy at lower powers.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013

(21) Application No.9492/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMERIC BIGUANIDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE

(51) International classification	:A01N47/44,A01N57/20,A01N57/34
(31) Priority Document No	:61/496069
(32) Priority Date	:13/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/036882 :08/05/2012
(87) International Publication No	:WO 2012/173715
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YIN Bei

(57) Abstract :
Provided are biocidal compositions comprising: a hydroxymethyl substituted phosphorus compound and a polymeric biguanide. The compositions are useful for controlling microorganisms in aqueous or water containing systems.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013

(21) Application No.9482/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification :A61K9/20,A61K9/50,A61K31/198
(31) Priority Document No :11161398.0
(32) Priority Date :06/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056366
Filing Date :05/04/2012
(87) International Publication No :WO 2012/136816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SOVIC BRKICIC Ljiljana
2)DOKUZOVIC Zdravko

(57) Abstract :
The invention relates to an oral pharmaceutical composition comprising coated particles of a complex of at least one active agent with an ion exchange resin wherein said particles are coated with a bioadhesive coating layer comprising at least one bioadhesive material. The invention also relates to a process for preparing the oral pharmaceutical composition.

No. of Pages : 61 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2013

(21) Application No.7508/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RAPID SELECTION METHOD FOR HIV GP 120 VARIANTS

(51) International classification :C07K14/16,A61K39/21,G01N33/569
(31) Priority Document No :11382051.8
(32) Priority Date :25/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053185
Filing Date :24/02/2012
(87) International Publication No :WO 2012/113921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YUSTE HERRANZ Mara Elosa
2)S□NCHEZ MERINO Vctor
3)FERREIRA Carolina

(57) Abstract :
The invention relates to a method for rapid immunogen selection (RIS) based on the binding a library of recombinant viruses containing randomized HIV gp120 variants of a surface polypeptide displayed to said neutralizing antibodies. The invention relates as well to the use of the HIV gp120 immunogens isolated according to the RIS method of the invention in medicine for the treatment of diseases caused by a virus and in diagnosis for the identification of neutralizing antibodies in a patient.

No. of Pages : 82 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.785/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EUTECTIC MIXTURE FOR PULMONARY ADMINISTRATION

(51) International classification :A61K9/16,A61K9/00
(31) Priority Document No :1113662.9
(32) Priority Date :08/08/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051924
Filing Date :08/08/2012
(87) International Publication No :WO 2013/021199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PARIKH Dipesh

(57) Abstract :
This invention provides a pharmaceutical composition comprising a eutectic composition of two pharmacologically active ingredients for delivery to the lung by inhalation. This invention also provides a pharmaceutical composition comprising a eutectic composition of two pharmacologically active ingredients for the treatment of respiratory disease.

No. of Pages : 42 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9860/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTIVE COMPOUND COMBINATIONS COMPRISING A (THIO)CARBOXAMIDE DERIVATIVE AND AN INSECTICIDAL OR ACARICIDAL OR NEMATICIDAL ACTIVE COMPOUND

(51) International classification :A01N43/56,A01P3/00,A01P7/00
(31) Priority Document No :11356006.4
(32) Priority Date :22/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/001674
Filing Date :18/04/2012
(87) International Publication No :WO 2012/143125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)HELMKE Hendrik
7)HUNGENBERG Heike
8)WACHENDORFF NEUMANN Ulrike

(57) Abstract :
The present invention relates to active compound combinations, in particular within an insecticide or fungicide composition, which comprises (A) a N-cyclopropyl-N-[substitured-benzyl]-3-(difluoromethyl)-5-fluoro-l -methyl- lH-pyrazole-4-carboxamide or thiocarboxamide derivative and a further insecticidally and/or acaricidally and/or nematicidal active compound (B). Moreover, the invention relates to a method for controlling animal pests such as insects and/or unwanted acarids and/or nematodes, to the use of a combination according to the invention for the treatment of seed, to a method for protecting a seed and not at least to the treated seed.

No. of Pages : 75 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8649/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICS SYSTEM FOR A FLOW CYTOMETER

(51) International classification :G01N15/14,G01N21/53,G02B5/20
(31) Priority Document No :61/793771
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024840
Filing Date :12/03/2014
(87) International Publication No :WO 2014/151049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)REED Timothy
2)MORRELL Michael M.

(57) Abstract :
A flow cytometer includes a flow nozzle a light source an optics system and a sensor analyzer. The flow nozzle provides a fluid along a flow path. The light source generates a light beam that illuminates the fluid. The optics system collects light rays that are radiated from the light beam by the fluid and passes or blocks the light rays based at least in part on the radiation angles associated with the light rays.

No. of Pages : 46 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2014
(21) Application No.9179/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR CONNECTING OR FILLING AND METHOD

(51) International classification :F16L37/28
(31) Priority Document No :61/641248
(32) Priority Date :01/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039059
Filing Date :01/05/2013
(87) International Publication No :WO 2013/166143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PY Daniel

(57) Abstract :
A valve comprises a shell a flexible valve member sea lingly mounted within the shell and a valve body mounted atop the flexible valve member within the shell. The flexible member is moveable between closed and open positions to allow the flow of fluid there through. The valve is engage able with a filling device having flow ports and a surrounding closure. The closure and/or the shaft is movable between (i) a first position wherein the closure closes the port(s) and (ii) a second position opening the port(s). Alternatively the valve may comprise a portion of a female connector and the filling device may comprise a portion of a male connector to form an aseptic fluid connector for the aseptic transfer of fluid there through.

No. of Pages : 80 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2014

(21) Application No.9343/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROLLABLE FILLER PREFLOCULATION USING A DUAL POLYMER SYSTEM

(51) International classification	:D21H21/00,D21H17/67,D21H17/63
(31) Priority Document No	:13/449888
(32) Priority Date	:18/04/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/037048 :18/04/2013
(87) International Publication No	:WO 2013/158811
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)CHENG Weiguo
2)GRAY Ross T.

(57) Abstract :
A method of preparing a stable dispersion of flocculated filler particles for use in papermaking processes comprises sequential addition of a first flocculating agent to an aqueous dispersion of filler particles followed by shearing of the dispersion followed by addition of a second flocculating agent to the dispersion and further shearing of the resultant filler flocs to the desired particle size resulting in shear resistant filler flocs with a defined and controllable size distribution. In addition a neutralizing coagulant can be added to the dispersion to partially or completely neutralize the charge of the filler before the first flocculating agent is added.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2014

(21) Application No.953/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGHLY FUNCTIONAL CELLULOSE COMPOSITE

(51) International classification :C08B15/00,A23L1/05,A23L2/62
(31) Priority Document No :2011176177
(32) Priority Date :11/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070495
Filing Date :10/08/2012
(87) International Publication No :WO 2013/022090
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YAMASAKI Naoaki

(57) Abstract :
A cellulose composite which contains a cellulose and a polysaccharide and which is characterized in that the median diameter of colloidal cellulose composites contained in the cellulose composite is 0.85 \xm or more as measured by a dynamic light scattering method.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.5138/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ILLUMINATION DEVICE DISPLAY DEVICE AND THREE DIMENSIONAL DISPLAY DEVICE

(51) International classification	:G02F1/13357,F21S2/00,F21V9/10
(31) Priority Document No	:2010282191
(32) Priority Date	:17/12/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/078445 :08/12/2011
(87) International Publication No	:WO 2012/081497
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)SHINODA Makoto
3)NAGATANI Shinpei
4)TAKAHASHI Yuji
5)SUZUKI Tomoaki
6)SHINKAI Shogo
7)EBISUI Akira
8)NISHIMURA Taizo

(57) Abstract :
Disclosed i s an illumination device which, m a scan mode, combines high luminance, low power consump tion, and high circuit substrate reliability; also disclosed are a display device and a three-dimensional display device. A light modulation element (30) attached t o a light guide plate (10) i s provided with a light modulation layer (34) which exhibits scattering or transparency o f the light propagated through the light guide plate (10). The light modulation layer (34) i s held between a lower electrode (32) comprising multiple partial electrodes (2A) extending in a direction parallel to that o f the light incident surface (10A), and a sheet-form upper elec trode (36). B y driving the multiple partial electrodes (32 A) i n order, a drive circuit (50) scans i n a direction perpendicular t o the light incident surface (10A) the parts of the light modula tion layer (34) that exhibit scattering.

No. of Pages : 85 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2015

(21) Application No.8978/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TARGETING RNA POLYMERASES AND NON CODING RNA BIOGENESIS TO SPECIFIC LOCI

(51) International classification	:C12N15/82,C12N15/29,A01H5/00
(31) Priority Document No	:61/771743
(32) Priority Date	:01/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/019666 :28/02/2014
(87) International Publication No	:WO 2014/134567
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)JACOBSEN Steve E.
2)LAW Julie
3)JOHNSON Lianna

(57) Abstract :
The present disclosure relates to recombinant proteins that induce epigenetic gene silencing and to methods of using such proteins for reducing the expression of genes in plants.

No. of Pages : 419 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2015

(21) Application No.8979/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FEED PRODUCT AND/OR FEED INGREDIENT

(51) International classification :A23K1/18,A23K1/14,A01K61/00
(31) Priority Document No :2013204453
(32) Priority Date :12/04/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2014/000419
Filing Date :11/04/2014
(87) International Publication No :WO 2014/165936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
Address of Applicant :Limestone Avenue Campbell Australian Capital Territory 2612 Australia
(72)**Name of Inventor :**
1)GLENCROSS Brett
2)PRESTON Nigel Philip
3)IRVIN Simon

(57) Abstract :
The invention relates to a feed product or teed ingredient comprising a microbial biomass, wherein the feed product or feed ingredient is substantially free of an aquatic animal-derived protein source and/or an aquatic animal derived-lipid source. In another aspect it relates to methods or uses of the feed product or feed ingredient as described.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.849/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN ANTOBODY FRAGMENT

(51) International classification :C12N 15/13
(31) Priority Document No :60/664,954
(32) Priority Date :25/03/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2006/000451
Filing Date :24/03/2006
(87) International Publication No :WO 2006/099747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7345/DELNP/2007
Filed on :24/09/2007

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(72)**Name of Inventor :**
1)TANHA, JAMSHID

(57) Abstract :
Polypeptides with desirable biophysical properties such as solubility, stability, high expression, monomericity, binding specificity or non-aggregation, including monomeric human VHs and VLs, are identified using a high throughput method for screening polypeptides, comprising the steps of obtaining a phage display library, allowing infection of a bacterial lawn by the library phage, and identifying phage which form larger than average plaques on the bacterial lawn. Sequences of monomeric human VHs and VLs are identified, which may be useful for immunotherapy or as diagnostic agents. Multimer complexes of human VHs and VLs are also identified. The VHs and VLs identified may be used to create further libraries for identifying additional polypeptides. Further, The VHs and VLs may be subjected to DNA shuffling to select for improved biophysical properties.

No. of Pages : 83 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2015

(21) Application No.8817/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE UNIT NODE DEVICE AND METHOD AND SYSTEM FOR ADJUSTING TUNNEL BANDWIDTH

(51) International classification :H04Q11/00
(31) Priority Document No :201310092281.3
(32) Priority Date :21/03/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/073887
Filing Date :21/03/2014
(87) International Publication No :WO 2014/146610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIU Wenbin
2)LIU Xilin

(57) Abstract :
The present invention provides a device unit a node device and a method and a system for automatically adjusting a tunnel bandwidth. The device comprises: a client side unit configured to dynamically adjust a first timeslot quantity according to a bandwidth of a received data service before the data service is mapped to an ODU tunnel; a line side unit configured to set according to the first timeslot quantity adjusted by the client side unit a second timeslot quantity matching the first timeslot quantity; a tunnel management unit configured to adjust according to the first timeslot quantity and the second timeslot quantity the quantity of the ODU tunnels connected between the client side unit and the line side unit so that the ODU tunnels bear the data service after the adjustment. When the bandwidth of the received data service increases or decreases the device unit of the present invention flexibly controls the use of the ODU0 timeslot in the ODU of each order and does not need to use a complicated ODUflex frame format thereby meeting the requirement of automatically adjusting the bandwidth without using ODUflex.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2015
(21) Application No.8819/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH CALORIE GAS MANUFACTURING PROCESS

(51) International classification :C01B3/38
(31) Priority Document No :2013071883
(32) Priority Date :29/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/058963
Filing Date :27/03/2014
(87) International Publication No :WO 2014/157553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAIMA Hitoshi
2)ASAMI Kenji

(57) Abstract :
The purpose of the present invention is to provide a high calorie gas manufacturing process by which a high calorie gas can be manufactured through pyrolysis of glycerol. The present invention is a high calorie gas manufacturing process which comprises: subjecting glycerol to pyrolysis using iron ore; and thus obtaining a high calorie gas having a net calorific value of 3 000kcal/m or more.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2014
(21) Application No.1415/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORAL CARE IMPLEMENT AND REFILL HEAD THEREFOR

(51) International classification :A61C17/22
(31) Priority Document No :61/535342
(32) Priority Date :15/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054998
Filing Date :13/09/2012
(87) International Publication No :WO 2013/040122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COLGATE PALMOLIVE COMPANY
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(72)**Name of Inventor :**
1)FATTORI Joseph

(57) Abstract :
A refill head (100) and oral care implement incorporating the same wherein the refill head (100) can be uncoupled from a stem (220) of a handle (200) by withdrawing the refill head (100) from the stem of a handle (200) along the longitudinal axis of the oral care implement which results in locking members (134) on the refill head (100) disengaging from an engagement rib (230) on the stem (220). The locking members (134) and engagement rib (230) may be aligned with or angled relative to the longitudinal axis of the oral care implement. A portion of the stem may be visible through a portion of the refill head to reinforce the proper connection between the refill head and the handle.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014
(21) Application No.2742/DEL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI PURPOSE DUAL OPERATED RICKSHAW / PEDICAB

(51) International classification :B62M9/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAHNI SHIVAM

(57) Abstract :
The present invention generally relates to the field of vehicle design engineering and more specifically to a human driven rickshaw/pedicab. The rear wheel turns it opposite direction to the front wheel without any kinematic link provided due to the negative caster given to it. The wheels are arranged in a diamond pattern. Instead of two wheels in front and two in back, the present invention features individual wheels at the front and rear which steered in opposite directions to enhance maneuverability (a controlled change in the movement of vehicle).The diamond shaped geometry, allows the chassis to form a planar, simple structure, small footprint, can accordingly increase the space and can greatly simplify the production process, can reduce cost and weight and also facilitate manufacturing quality control. In addition to these features the rickshaw/pedicab can be operated by dual mechanism, either by motor or by manual paddling.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2742/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR NANOMATERIAL SYNTHESIS FROM THE PREPARATION AND DETONATION OF AN EMULSION PRODUCTS AND EMULSIONS THEREOF

(51) International classification :B01J3/08,C01G23/047,C01G25/02
(31) Priority Document No :105339
(32) Priority Date :15/10/2010
(33) Name of priority country :Portugal
(86) International Application No :PCT/IB2011/054567
Filing Date :14/10/2011
(87) International Publication No :WO 2012/049660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INNOVNANO MATERIAIS AVAN‡ADOS S.A.
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(72)**Name of Inventor :**
1)DOS SANTOS ANTUNES Elsa Marisa
2)CALADO DA SILVA Jo£o Manuel
3)COSTA LAGOA Ana Lºcia

(57) Abstract :
The present invention refers to a nanomaterial synthesis process from the decomposition and subsequent reaction among common and economical insoluble precursors or precursors which hydrolyze in contact with water which are incorporated in the internal phase of an emulsion. These insoluble precursors are introduced in the internal phase of an emulsion then being subject to decomposition and subsequent reaction in the solid state under shockwave effect during the detonation of the emulsion the nanomaterial with the intended structure being in the end obtained. The process of the present invention therefore allows obtaining a wide range of nanomaterial as composites or binary ternary structures or higher structures with small sized homogenous primary particles applicable to several technological fields.

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6076/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOTOR VEHICLE DOOR

(51) International classification :E05D11/08,E05F5/00,E05B47/00
(31) Priority Document No :DE 10 2012 024 376.6
(32) Priority Date :13/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000778
Filing Date :13/12/2013
(87) International Publication No :WO 2014/090221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KIEKERT AKTIENGESELLSCHAFT
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(72)**Name of Inventor :**
1)BENDEL Thorsten

(57) Abstract :
The invention relates to a motor vehicle door comprising a door leaf (1) with a drive a magnetic device (4) as a component of the drive and at least one sensor (11) which is associated with the door leaf (1). According to the invention said magnetic device (4) also comprises a magnetorheological element (7) and/or a magnetohydrodynamic element which can be actuated by at least one magnet (5).

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2014

(21) Application No.9025/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPIDER SILK FUSION PROTEIN STRUCTURES WITHOUT REPETITIVE FRAGMENT FOR BINDING TO AN ORGANIC TARGET

(51) International classification :B01D15/38,C07K14/435,C12N15/62
(31) Priority Document No :12166393.4
(32) Priority Date :02/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059146
Filing Date :02/05/2013
(87) International Publication No :WO 2013/164405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPIBER TECHNOLOGIES AB
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(72)**Name of Inventor :**
1)HEDHAMMAR My

(57) Abstract :
A recombinant fusion protein comprising the moieties Band CTis provided. B is a non spidroin moiety which provides the capacity of selective interaction with an organic target. CTis a moiety of from 70 to 120 amino acid residues and is derived from the C terminal fragment of a spider silk protein. The fusion protein is not comprising any moiety derived from the repetitive fragment of a spider silk protein.

No. of Pages : 181 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2014

(21) Application No.9027/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL DEVICE

(51) International classification :G08C17/02
(31) Priority Document No :12305567.5
(32) Priority Date :23/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059780
Filing Date :13/05/2013
(87) International Publication No :WO 2013/174667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PASTOR Alain

(57) Abstract :
A control device (102) receives local control data (118) from a local controller (103) upon establishment of a physical contact (106) between the control device (102) and the local controller (103). The control device (102) receives distant control data (115) from a distant controller (104) upon establishment of a communication link (107) between the control device (102) and the distant controller (104). The control device (102) defines on the basis of local control data (118) a transformation of distant control data (115) into a physical control signal (120) for a controllable object (101). A local user who has physically access to the control device (102) can thus impose restrictions on control actions that a distant user may carry out with respect to the controllable object (101).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2013

(21) Application No.9669/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR SIGNATURE ADAPTATION AND OBJECT PROVIDED WITH SUCH A DEVICE

(51) International classification :F41H3/00
(31) Priority Document No :11505179
(32) Priority Date :07/06/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050601
Filing Date :05/06/2012
(87) International Publication No :WO 2012/169958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SJ–LUND Peder

(57) Abstract :
The invention pertains to a device for signature adaptation comprising at least one surface element (100; 300; 500) arranged to assume a determined thermal distribution wherein said surface element comprises at least one temperature generating element (150; 450a 450b 450c) arranged to generate at least one predetermined temperature gradient to a portion of said at least one surface element. Said at least one surface element (100; 300; 500) comprises at least one radar suppressing element (190) wherein said at least one radar suppressing element (190) is arranged to suppress reflections of incident radio waves. The invention also concerns an object provided with a device for signature adaptation.

No. of Pages : 95 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.8364/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A NAVEL PROCESS FOR THE PREPARATION OF ANTI INFLAMMATORY COMPOUNDS

(51) International classification :C07D307/80
(31) Priority Document No :1876/DEL/2013
(32) Priority Date :25/08/2013
(33) Name of priority country :India
(86) International Application No :PCT/IN2014/000546
Filing Date :25/08/2014
(87) International Publication No :WO 2015/029062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAMANA Chepuri Venkata
2)KOMMAGALLA Yadagiri
3)SRINIVAS Kolluru

(57) Abstract :
Disclosed herein an efficient process for synthesis of benzofuran analogues having anti inflammatory activity which comprises Ru catalyzed branched and linear selective alkylation of aroylbenzofurans formula I with alpha beta unsaturated esters of formula II via C H activation in presence of base additives and organic solvent at suitable temperature to give high yield of desired linear alkylated benzofuran compounds of formula III or branched alkylated benzofuran compounds of formula IV or mixture thereof.

No. of Pages : 101 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2014

(21) Application No.9209/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NITROGENATED HETEROCYCLIC COMPOUND

(51) International classification :C07D471/04,A61K31/4985,A61P25/18
(31) Priority Document No :2012100374
(32) Priority Date :25/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062140
Filing Date :24/04/2013
(87) International Publication No :WO 2013/161913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)ASHIZAWA TOMOKO
4)SASAKI Shigekazu
5)TANIGUCHI Takahiko
6)NOMURA Izumi
7)KAWASAKI MASANORI

(57) Abstract :
Provided is a compound which has a selective inhibitory activity on PDE2A and is useful as a prophylactic/therapeutic agent for schizophrenia Alzheimer s disease or the like. A compound represented by formula (1) [wherein each symbol is as defined in the description] or a salt thereof.

No. of Pages : 476 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2014

(21) Application No.9560/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BENZAMIDE DERIVATIVE

(51) International classification :C07C317/32,A61K31/166,A61K31/40
(31) Priority Document No :2012098953
(32) Priority Date :24/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062003
Filing Date :24/04/2013
(87) International Publication No :WO 2013/161851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NIIZUMA ,Satoshi
3)HARA, Sousuke
4)KAWADA, Hatsuo
5)HADA, Kihito
6)SHIMADA, Hideaki
7)TANAKA, Hiroshi
8)NAKANISHI, Yoshito

(57) Abstract :
The present invention pertains to a benzamide derivative represented by formula (I) or a pharmaceutically acceptable salt thereof.

No. of Pages : 403 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2014
(21) Application No.9564/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF MANUFACTURING AN ARTICLE

(51) International classification :A61C13/00
(31) Priority Document No :12167533.4
(32) Priority Date :10/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2013/051210
Filing Date :10/05/2013
(87) International Publication No :WO 2013/167904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RENISHAW PLC
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(72)**Name of Inventor :**
1)BEEBY ,David

(57) Abstract :
A method of manufacturing an article comprising: taking an article in an initial state formed using an additive manufacturing process, the article comprising at least one set of mounting features; performing a second manufacturing process to transform the article into a second state , which comprises mounting, via the at least one set of mounting features, the article in a holding device of a machine for operating on the article , wherein the position and orientation of the article in three linear and three rotational degrees of freedom within the machine operating volume is known and defined by virtue of the interaction of the mounting features with the holding device , and processing at least one feature on the article. The at least one mounting feature comprises kinematic mount features which engage with corresponding kinematic mount features on the holding device of the machine.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.992/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF PRODUCING PHYSIOLOGICAL AND THERAPEUTIC LEVELS OF NITRIC OXIDE THROUGH AN ORAL DELIVERY SYSTEM

(51) International classification :A01N59/00,G01N33/00
(31) Priority Document No :61/524539
(32) Priority Date :17/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051363
Filing Date :17/08/2012
(87) International Publication No :WO 2013/026000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROCCA Jose G.

(57) Abstract :
A composition and method of providing nitric oxide and nitrite therapy to patients whereby a therapeutic amount is bioavailable within approximately 30 minutes of administration. In embodiments of the invention nitric oxide is produced in the oral cavity.

No. of Pages : 41 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6059/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 4 HYDROXY 2 METHYL 5 (PROPAN 2 YLIDENE)CYCLOHEX 3 ENECARBALDEHYDE FOR THE PREVENTION AND TREATMENT OF A COGNITIVE NEURODEGENERATIVE OR NEURONAL DISEASE

(51) International classification	:A61K31/11,A61K47/44,C07C47/46
(31) Priority Document No	:92126
(32) Priority Date	:31/12/2012
(33) Name of priority country	:Luxembourg
(86) International Application No Filing Date	:PCT/EP2013/076936 :17/12/2013
(87) International Publication No	:WO 2014/102090
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)VAN TILBORG Reiner

(57) Abstract :
The present invention concerns a pharmaceutical compound having the Formula (1) or a pharmaceutically acceptable salt thereof for use in the prevention or treatment of a cognitive neurodegenerative or neuronal disorder disease such as the Alzheimer Disease a pharmaceutical composition and a method of preparing a pharmaceutical composition.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2014

(21) Application No.8824/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NUCLEIC ACID MOLECULE CAPABLE OF INHIBITING EXPRESSION OF PERIOSTIN GENE METHOD FOR INHIBITING EXPRESSION OF PERIOSTIN GENE AND USE OF SAID NUCLEIC ACID MOLECULE

(51) International classification	:C12N15/09,A61K31/7088,A61K48/00
(31) Priority Document No	:2012078114
(32) Priority Date	:29/03/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/059494 :29/03/2013
(87) International Publication No	:WO 2013/147140
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)HAMASAKI Tomohiro
3)ISHIKAWA Keijiro
4)MIZUTANI Takayuki
5)ISHIBASHI Tatsuro
6)OHGI Tadaaki
7)NAKAMA Takahito

(57) Abstract :
Provided is a novel molecule which can inhibit the expression of periostin gene. A nucleic acid molecule capable of inhibiting the expression of periostin gene is characterized by containing nucleotides that constitute at least one nucleotide sequence selected from the nucleotide sequences represented by SEQ ID NOs: 1 to 19 as a sequence capable of inhibiting the expression of periostin gene. The nucleic acid molecule capable of inhibiting the expression according to the present invention can inhibit the expression of periostin gene. Therefore the nucleic acid molecule can be used for the treatment of eye diseases associated with the expression of periostin gene specifically proliferative diabetic retinopathy macular degeneration and the like.

No. of Pages : 117 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2014
(21) Application No.8825/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR OPERATING AN ENGINE CONTROL DEVICE

(51) International classification :F02D41/20,H01F7/18
(31) Priority Document No :10 2012 210 333.3
(32) Priority Date :19/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/061673
Filing Date :06/06/2013
(87) International Publication No :WO 2013/189751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AUE Axel
2)HAAS Michael Wilhelm

(57) Abstract :
The invention relates to a method for operating a control device (190) that is configured to actuate an internal combustion engine (100) said control device (190) comprising at least two power semi conductor components (191 192 193 194) that are operated so as to generate output signals which can be applied to actors (141 142 143 144) of the internal combustion engine (100) for the purpose of actuating the internal combustion engine. To avoid damage to the power semi conductor components (191 192 193 194) caused by temperature a first of the power semi conductor components (191 192 193 194) is operated taking a switching state of at least one second of the power semi conductor components (191 192 193 194) into consideration.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6287/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSTING MACHINE

(51) International classification :C07F17/02
(31) Priority Document No :13/016428
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022627
Filing Date :26/01/2012
(87) International Publication No :WO 2012/103269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SMITH SEBASTO Nicholas

(57) Abstract :
An apparatus for the in vessel composting of feedstock into nutrient rich compost comprising means for shredding said input material said means configured and powered for shredding said feedstock into a particle size no larger than one cubic inch a vessel having an input port on top of such vessel and a discharge port said vessel comprising one chamber said vessel configured and powered composting said shredded feedstock and said vessel tilted from the input port to the discharge port means for passing said feedstock from said means for shredding into said vessel means for rotating said vessel means for introducing air into said vessel and a process controller said process controller communicating with said means for shredding said vessel said means for rotating said vessel and said means for introducing air into said vessel.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.885/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TIN PLATED COPPER ALLOY TERMINAL MEMBER WITH OUTSTANDING INSERTION AND REMOVAL CHARACTERISTICS

(51) International classification :C25D7/00,C25D5/10,C25D5/50
(31) Priority Document No :2011177310
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070485
Filing Date :10/08/2012
(87) International Publication No :WO 2013/024814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TANINOUCHI Yuki
2)KATO Naoki
3)KUBOTA Kenji

(57) Abstract :
Provided is a tin plated copper alloy terminal member with outstanding insertion and removal characteristics and that demonstrates outstanding electrical connection properties while a coefficient of kinetic friction is reduced to 0.3 or less. The tin plated copper alloy terminal member comprises a tin based surface layer formed on a surface of a substrate made of a copper alloy and a copper tin alloy layer formed between the tin based surface layer and the substrate. The copper tin alloy layer is an alloy layer having CuSn as the primary component thereof with compounds in which part of the copper in the CuSn has been substituted with nickel or silicon being present near the interface on the substrate side. The average thickness of the tin based surface layer is between 0.2 μm and 0.6 μm. The oil retention depth (Rvk) of the copper tin alloy layer is at least 0.2 μm. The proportion of the area of the copper tin alloy layer exposed to the surface of the tin based surface layer is between 10% and 40%. The coefficient of kinetic friction is 0.3 or less.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2014

(21) Application No.9542/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI CD26 ANTIBODIES AND USES THEREOF

(51) International classification :C07K16/28,A61P37/06
(31) Priority Document No :13425029.9
(32) Priority Date :19/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/053243
Filing Date :19/02/2014
(87) International Publication No :WO 2014/128168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DI NARO, Antonio Francesco

(57) Abstract :
The present invention pertains to novel antibodies capable of binding to CD26 as well as to their use as a medicament. Moreover the present invention provides antibodies for use in treating and/or preventing Graft versus Host Disease (GvHD) for use in treating Aplastic Anemia and/or for use in promoting engraftment after haematopoietic stem cell transplantation. Furthermore the present invention provides pharmaceutical compositions comprising at least one antibody of the present invention as well as provides a kit of parts.

No. of Pages : 163 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2015

(21) Application No.8650/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITE SHEET FOR SHIELDING MAGNETIC FIELD AND ELECTROMAGNETIC WAVE AND ANTENNA MODULE COMPRISING SAME

(51) International classification :H01Q7/04
(31) Priority Document No :1020130023470
(32) Priority Date :05/03/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/001795
Filing Date :05/03/2014
(87) International Publication No :WO 2014/137151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JANG Kil Jae
2)LEE Dong Hoon
3)KIM Ki Chul

(57) Abstract :
The present invention relates to a composite sheet for shielding a magnetic field and an electromagnetic wave and an antenna module using the same which can block influence of a magnetic field on a main body and a battery of a mobile terminal device and the like and shield an electromagnetic wave at the same time by significantly reducing a loss due to an eddy current by flaking an amorphous ribbon sheet. The composite sheet according to the present invention comprises: a magnetic sheet; and a conductor sheet for shielding an electromagnetic wave and radiating heat the conductor sheet being stacked on the magnetic sheet. The magnetic sheet comprises: an amorphous ribbon sheet which is thermally treated flaked and then separated into a plurality of minute pieces; a protective film bonded to one side surface of the amorphous ribbon sheet; and an adhesive tape bonded to the other side surface of the amorphous ribbon sheet.

No. of Pages : 66 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2014
(21) Application No.9193/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR THE PREPARATION OF TRIAZOLE COMPOUNDS

(51) International classification :C07D403/14,C07D249/04
(31) Priority Document No :12167152.3
(32) Priority Date :08/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059418
Filing Date :06/05/2013
(87) International Publication No :WO 2013/167552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MILITZER, Hans Christian
2)EGGERT, Johannes

(57) Abstract :
The present invention relates to a method for the preparation of l-[6-(morpholino-4-yl)-pyrimidino-4-yl]-4-(lHl, 2,3-triazolo-l-yl)-lH-pyrazolo-5-ol (I - enol form) or 2-[6-(morpholino-4-yl)-pyrimidino-4-yl]-4-(lH-l,2,3-triazolo-l-yl)-l,2- dihydro-3H-pyrazolo-3-one (I - keto form) and sodium-l-[6-(morpholino-4-yl)-pyrimidino-4-yl]-4-(lH-l,2,3-triazolo-l-yl)-lHpyrazolo- 5-olate (II) starting from 1, 2,3-triazole (PI), methylbromoacetate (rV-Me-Br) or ethylbromoacetate (rV-Et-Br), 4,6- dichloropyrimidine (VIII), morpholine (GC) and hydrazine (XII).

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.3614/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 3 (AMINOARYL) PYRIDINE COMPOUNDS

(51) International classification :C07D213/74,A61K31/44,A61P35/00
(31) Priority Document No :61/414797
(32) Priority Date :17/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/070339
Filing Date :17/11/2011
(87) International Publication No :WO 2012/066070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)PAN Yue
7)PFISTER Keith B.
8)SENDZIK Martin
9)SUTTON James
10)WAN Lifeng

(57) Abstract :
The present invention provides a compound of formula (I): and pharmaceutically acceptable salts enantiomers stereoisomers rotamers tautomers diastereomers or racemates thereof. Also provided are pharmaceutical compositions containing these compounds and methods of treating a disease or condition mediated by CDK9 using these compounds and compositions.

No. of Pages : 196 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2014

(21) Application No.504/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HARD MATERIAL LAYER AS ARC PVD FUNCTION LAYER

(51) International classification :C23C 14/32
(31) Priority Document No :518/05
(32) Priority Date :24/03/2005
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH06/000042
Filing Date :19/01/2006
(87) International Publication No :WO 2006/099754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6146/DELNP/2007
Filed on :07/08/2007

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(72)**Name of Inventor :**
1)JURGEN RAMM
2)BENO WIDRIG
3)WOLFGANG KALSS

(57) Abstract :
The invention relates to a hard material layer, deposited on a workpiece (30) as a functional layer (32) by means of an are-PVD method. Said layer is essentially embodied by an electrically insulating oxide of at least one of the metals (Me) of the transition metals of the sub-groups IV, V, VI of the periodic table and Al, Si, Fe, Co, Ni, Co, or Y and the functional layer (32) contains no noble gas or halogen.

No. of Pages : 35 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2014

(21) Application No.5041/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED ANNULATED PYRIMIDINES AND TRIAZINES AND USE THEREOF

(51) International classification :C07D519/00,A61K31/519,A61K31/53
(31) Priority Document No:10 2012 200 349.5
(32) Priority Date :11/01/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/050381
Filing Date :10/01/2013
(87) International Publication No :WO 2013/104703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LANG Dieter
6)WUNDER Frank
7)HBSCH Walter
8)VAKALOPOULOS Alexandros
9)TERSTEEGEN Adrian

(57) Abstract :
The application relates to novel substituted annulated pyrimidines and triazines methods for the production thereof the use thereof alone or in combination for the treatment and/or prophylaxis of diseases and the use thereof for producing medicaments for the treatment and/or prophylaxis of diseases in particular for the treatment and/or prophylaxis of cardiovascular diseases.

No. of Pages : 281 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.6724/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYAXIAL BONE ANCHOR WITH OPEN PLANAR RETAINER POP ON SHANK AND FRICTION FIT INSERT

(51) International classification :A61B17/86
(31) Priority Document No :61/460267
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/002008
Filing Date :29/12/2011
(87) International Publication No :WO 2012/091737
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SURBER James L.

(57) Abstract :
A polyaxial bone screw assembly includes a threaded shank body having an integral upper portion receivable in an integral receiver the receiver having an upper channel for receiving a longitudinal connecting member and a lower cavity cooperating with a lower opening. A friction fit compression insert (some with lock and release feature) a planar split retaining ring and a shank upper portion cooperate to provide for pop or snap on assembly of the shank with the receiver either prior to or after implantation of the shank into a vertebra. The shank and receiver once assembled cannot be disassembled and the receiver and insert may include aligned tool receiving apertures for lock and release of the polyaxial mechanism.

No. of Pages : 151 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6054/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OUT OF STOCK SENSOR

(51) International classification :G06Q10/08
(31) Priority Document No :61/751649
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011105
Filing Date :10/01/2014
(87) International Publication No :WO 2014/110414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MEYER Matthew

(57) Abstract :
A weight sensing system for retail shelves includes multiple shelves having an electrical communication and power distribution system and weight sensors located on the top surfaces of the shelves and coupled to the electrical communication and power distribution system for detecting the placement of retail products on the shelves. A controller monitors real time at the shelf inventory and issues alerts when a retail product becomes out of stock is anticipated to become out of stock or is misplaced on a shelf. Collection of real time inventory data enables comprehensive inventory control at the shelf and in storage areas.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.868/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSCRIPTION FACTORS FOR THE PRODUCTION OF CELLULOSE DEGRADING ENZYMES

(51) International classification :C12P19/14,C07K14/37
(31) Priority Document No :61/510466
(32) Priority Date :21/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047898
Filing Date :23/07/2012
(87) International Publication No :WO 2013/022594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHOCK Teresa
3)GLASS N. Louise
4)CORADETTI Samuel
5)CRAIG James

(57) Abstract :
Provided herein are methods and compositions for increasing the production of one or more cellulases from a fungal host cell. The disclosure is based on the surprising discovery that mis expression of the transcriptional regulator clr 2 in a filamentous fungal cell was able to induce expression of cellulase genes under non inducing or starvation conditions resulting in increased secretion of cellulases from the cell. Advantageously mis expression of the transcription factor clr 2 in a filamentous fungal cell cultured in the absence of cellulose or cellobiose results in increased secretion of cellulases. The disclosure relates inter alia to a method of degrading cellulose containing material to a method of increasing the production of one or more cellulases from a fungal cell and to a method of reducing the viscosity of a pretreated biomass material by contacting pretreated biomass material with a fungal host cell containing at least one recombinant nucleic acid encoding clr 2 or a related transcription factor.

No. of Pages : 261 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.887/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MECHANICAL TELEOPERATED DEVICE FOR REMOTE MANIPULATION

(51) International classification :B25J3/02,A61B17/29,A61B19/00
(31) Priority Document No :61/511994
(32) Priority Date :27/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053786
Filing Date :25/07/2012
(87) International Publication No :WO 2013/014621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)FLACTION Lionel

(57) Abstract :
A mechanical teleoperated device comprising: a slave unit (10); an end effector (40); a master unit (20); and a handle (30). Mechanical transmission means are arranged to kinematically connect the slave unit (10) with the master unit (20) such that the movement applied on the master unit (20) is reproduced by the slave unit (10) and to connect the end effector (40) with the handle (30) such that movements applied on the handle (30) are reproduced by the end effector (40). The master unit (20) is able to rotate about its longitudinal axis () and about axes ( ) which always intersect at a stationary single point (32). The corresponding slave unit (10) rotates about its longitudinal axis () and about axes ( ) which are parallel respectively to said second and third axes ( ) which always intersect at a virtual stationary single point (50).

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2014

(21) Application No.4891/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELECTIVE INHIBITION OF PHOSPHOENOLPYRUVATE CARBOXYLASES OF C4 PLANTS

(51) International classification :A01N37/04,A01N43/16,A01P13/00
(31) Priority Document No :11195367.5
(32) Priority Date :22/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/076648
Filing Date :21/12/2012
(87) International Publication No :WO 2013/093007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)WESTHOFF Peter

(57) Abstract :
The present invention relates to the use of a compound a salt or solvate thereof as C4 plant selective herbicide wherein said compound comprises a cyclic alkyl aryl heterocycloalkyl or heteroaryl group and wherein said compound further comprises a) at least a functional group Z being C(=Y)R wherein Y is selected from the group consisting of O NH and S preferably wherein Y is O and wherein R is selected from the group consisting of H OH and N(RR) O(R) and S(R) wherein R and R are independently of each other selected from the group consisting of H Alkyl cycolalkyl aryl and heteroaryl and a functional group Q which is C(=Y)R wherein Y is selected from the group consisting of O NH and S preferably wherein Y is O and wherein R is selected from the group consisting of H OH and NRR OR SR wherein R and R are independently of each other selected from the group consisting of H alkyl cycloalkyl aryl and heteroaryl or b) at least one electron donating group selected from the group consisting of OH SH O R S R NRR and O C(=Y)R wherein R and R are independently of each other selected from the group consisting of H alkyl cycloalkyl and heteroaryl and wherein R is OH NH NH Alkyl O Alkyl or NH Alkyl and wherein Y is selected from the group consisting of S O NH said compound being capable of binding to the malate binding site comprised by a phosphoenolpyruvate carboxylase from a C4 plant thereby inhibiting said phosphoenolpyruvate carboxylase and wherein the cyclic alkyl aryl heterocycloalkyl or heteroaryl group inhibits binding to the malate binding site of a phosphoenolpyruvate carboxylase from a C3 plant.

No. of Pages : 116 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2015

(21) Application No.11229/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUIDIC CONNECTOR FOR IRRIGATION AND ASPIRATION OF WOUNDS

(51) International classification :A61M1/00,A61F13/00
(31) Priority Document No :61/822254
(32) Priority Date :10/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/001682
Filing Date :06/05/2014
(87) International Publication No :WO 2014/184674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARTWELL Edward Yerburry

(57) Abstract :
Disclosed herein are several embodiments of a negative pressure apparatus and methods of using the same in the treatment of wounds. Some embodiments are directed towards improved fluidic connectors configured to transmit irrigation fluid and to apply aspiration to a wound for example using softer kink free conformable layers. Some embodiments may comprise a first channel for delivering irrigation fluid to the wound and a second channel for transmitting negative pressure and removing fluid comprising irrigation fluid and wound exudate from the wound wherein the channels comprise a flexible spacer material. Some embodiments are directed toward an irrigation manifold attachable to or incorporated as part of a distal end of an irrigation and aspiration fluidic connector.

No. of Pages : 47 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2014

(21) Application No.29/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MAMMALIAN CELL CULTURE

(51) International classification :C12N5/00,C12N5/10,C12P21/00
(31) Priority Document No :61/503737
(32) Priority Date :01/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045070
Filing Date :29/06/2012
(87) International Publication No :WO 2013/006479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FOLLSTAD Brian D.
2)MCCOY Rebecca E.
3)MORRIS Arvia E.

(57) Abstract :
The invention provides a method for culturing mammalian cells. The method provides greater control over cell growth to achieve high product titer cell cultures by changing the temperature of the cell culture and/or by starving the cells in their asparagine supply.

No. of Pages : 58 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2013

(21) Application No.4244/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EFFICIENT LAMINATION PRESS WITH THIN FLEXIBLE PLATENS

(51) International classification :B32B37/10,B32B37/06,B32B37/08
(31) Priority Document No :13/649958
(32) Priority Date :11/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032961
Filing Date :19/03/2013
(87) International Publication No :WO 2014/058474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LAKER Matthew B.
2)GOODSON Raymond L.

(57) Abstract :
Implementations of the present invention relate to systems methods and apparatus for applying heat and pressure to a laminate assembly and to form a unitary product therefrom with increased processing efficiency. One implementation includes an apparatus that can decrease processing time by directly heating and cooling platens that press the laminate assembly. Additionally the lamination press can allow the platens to flex about the laminate assembly thereby applying substantially uniform pressure to the laminate assembly.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2013

(21) Application No.4991/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR STORING SOLAR HEAT

(51) International classification :F24J2/42,F24J2/48
(31) Priority Document No :61/411249
(32) Priority Date :08/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/075761
Filing Date :08/11/2011
(87) International Publication No :WO 2012/063838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAMAURA Yutaka

(57) Abstract :
To provide a solar heat storage method with which it is possible to supply an external facility with heat at around 1000 to 1300 K on a 24 hour basis. [Solution] A solar heat storage method for storing heat by using solar energy involves: a condensed beam irradiation step (S1) of heating a reactive ceramic layer by irradiating same with a condensed beam created by condensing sunlight while moving the reactive ceramic layer said reactive ceramic layer being made by using a reactive ceramic that changes from the oxidized form to the reduced form by releasing oxygen when heated and that returns to the oxidized form when brought into contact with oxygen; and a heat storage step (S2) of storing the heat emitted from the reactive ceramic layer in a heat storage means while bringing the reactive ceramic layer heated in the condensed beam irradiation step (S1) into contact with an oxygen containing gas.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2013
(21) Application No.3950/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INSTRUMENT FOR STRETCHING THE SKIN

(51) International classification :A61B17/08,A61B19/00
(31) Priority Document No :10 2010 054 637.2
(32) Priority Date :15/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/005959
Filing Date :28/11/2011
(87) International Publication No :WO 2012/079702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FLEISCHMANN Wilhelm

(57) Abstract :
The invention relates to an instrument for stretching the skin for closing wounds, having a skin expander, having at least two jaws (12) mechanically adjustable relative to each other in a tension direction on the skin expander, having barbs (28) associated with the jaws (12) that can be anchored in the skin in the area of the edges of the wound, wherein a tensile force is exerted on the skin by means of the barbs (28) by adjusting the jaws (12), said force stretching the skin and drawdng the edges of the wound toward each other, wherein one or more barbs (28) are each disposed on a carrier (26) extending transverse to the tension direction, wherein the carriers (26) are releasably mounted on the jaws (12), and wherein the carriers can be fixed in position relative to each other by attachable fixing elements (34).

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6440/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION COMPRISING SILICA AEROGEL PARTICLES AND SILICONE OILS

(51) International classification :A61K8/25,A61K8/891,A61Q19/00
(31) Priority Document No :1060893
(32) Priority Date :21/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/073187
Filing Date :19/12/2011
(87) International Publication No :WO 2012/084780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :14 rue Royale F 75008 Paris France
(72)**Name of Inventor :**
1)CASSIN Guillaume
2)PORET FRISTOT Sylvie

(57) Abstract :
The present invention relates to a composition comprising a mixture: - of hydrophobic silica aerogel particles having a specific surface area per unit of mass (SM) ranging from 500 to 1500 m2/g and a size expressed as the volume-average diameter (D[0.5]) ranging from 1 to 1500 μm, and - of at least one first linear silicone oil having a viscosity greater than 50 mm2/s and of at least second and third linear silicone oils having a viscosity less than or equal to 50 mm2/s. The present invention also relates to a cosmetic composition comprising a mixture: - of hydrophobic silica aerogel particles having a specific surface area per unit of mass (SM) ranging from 500 to 1500 m2/g and a size expressed as the volume-average diameter (D[0.5]) ranging from 1 to 1500 μm, and - of at least one first linear silicone oil having a viscosity less than 10 mm2/s and of at least one second linear silicone oil having a viscosity greater than or equal to 10 mm2/s. The mixture of silica aerogel particles and linear silicone oils makes it possible to obtain compositions that are comfortable and soft on application, having mattifying and soft-focus properties.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6441/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION COMPRISING SILICA AEROGELS PARTICLES AND HYDROCARBON BASED OILS

(51) International classification :A61K8/25,A61K8/31,A61K8/34
(31) Priority Document No :1060894
(32) Priority Date :21/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/073188
Filing Date :19/12/2011
(87) International Publication No:WO 2012/084781
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a composition comprising a mixture of: hydrophobic silica aerogel particles with a specific surface area per unit of mass (SM) ranging from 500 to 1500 m2/g and a size expressed as the mean volume diameter (D[0.5]) ranging from 1 to 1500 μm, and at least a first and at least a second hydrocarbon-based oil chosen from branched esters, pentaerythritol esters, hydrogenated polyolefins and fatty acid triglycerides, and mixtures thereof, the first hydrocarbon-based oil being present in a content of greater than or equal to 40% by weight of the mixture of the first and second oils.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2003

(21) Application No.716/DEL/2003 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED ESCALATOR

(51) International classification	:B66B 21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ANSHU SRIVASTAVA
2)RAJESH K. SRIVASTAVA

(57) Abstract :
An escalator comprising a frame supporting the entire structure, a pair of railings, an end portion disposed at a floor of a lower level serving as an entrance or exit of the passengers, an end portion disposed at a floor of a higher level serving as an exit or entrance thereof, comb plates disposed in the end portions at the floors of different levels for scooping up the passengers, steps connected with each other in an endless fashion such that the steps are movable with respect to each other for transporting the passengers by traveling in a loop, each of the steps comprises a step portion and a riser portion and is supported by a pair of wheels attached to the riser portion, said wheels move in rolling motion over a pair of wheel guide rails, and the steps travel upwardly or downwardly while the surfaces of the adjacent steps are maintained at different levels, characterized in that the direction of rotation of the loop of steps in the upper and the lower floors is in the plane of direction in which the passengers are travelling.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.9985/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWERED SURGICAL TOOL ASSEMBLY INCLUDING A TOOL UNIT AND A SEPARATE BATTERY AND CONTROL MODULE THAT ENERGIZES AND CONTROLS THE TOOL UNIT

(51) International classification :A16B17/16
(31) Priority Document No :61/650732
(32) Priority Date :23/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042464
Filing Date :23/05/2013
(87) International Publication No :WO 2013/177423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HASSLER William L. Jr.
3)HERSHBERGER David
4)IRVINE Michael

(57) Abstract :
A powered surgical tool system including a tool unit (124} and a battery and control module (128). The battery and control module includes: cells (38) for supplying a charging current; sensors for monitoring a switch and/or the state of the tool power generating unit; and a controller (530) that based on the signals from the sensors selectively sources energization signals to the power generating unit (950) internal to the tool.

No. of Pages : 188 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2008
(21) Application No.1393/DEL/2008 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR AMPLITUDE AND FREQUENCY CONTROL OF SEIG TERMINAL VOLTAGE

(51) International classification :H03M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)J.K. CHATTERJEE
2)B. VENKATESA PERUMAL

(57) Abstract :
The present invention provides a system and method which includes a Generalized Impedance Controller (GIC), a novel integrated active and reactive power controller, for amplitude and frequency regulation of Self-Excited Induction Generator (SEIG) terminal voltage. In the present invention the GIC is physically connected at a Point of Common Coupling (PCC) between SEIG and load. Active and reactive power flow in the GIC is ingeniously regulated by suitably adjusting the magnitude and phase of the fundamental component of the fabricated GIC output voltage with respect to SEIG terminal voltage, to provide a favorable SEIG-GIC-load system operating condition for robust amplitude and frequency regulation of the SEIG terminal voltage under both input (prime-mover speed) and output (electrical load) perturbations. The control of active and reactive power flow in the GIC for successful regulation of amplitude and frequency of the SEIG terminal voltage is achieved by having only single terminal voltage feedback control loop and with no frequency feedback control loop. (Figure 1)

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2014

(21) Application No.3700/DELNP/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBACTERIAL TYLOSIN DERIVATIVES AND METHODS FOR THEIR PREPARATION

(51) International classification :C07H17/08,A61K31/7048,A61P31/04
(31) Priority Document No :11190748.1
(32) Priority Date :25/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/073277
Filing Date :21/11/2012
(87) International Publication No :WO 2013/076169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)KAZURO Shiomi
6)KLEEFELD Gerd
7)FROYMAN Robrecht
8)D–RNER Julia Charlotte
9)LUDWIG Carolin

(57) Abstract :
The present invention relates to new macrolide derivatives in particular new tylosin derivatives of the formula (I); a pharmaceutical or veterinary composition comprising the derivatives; a method for preparation thereof; a method for treating and/or preventing bacterial infections in an animal wherein the method comprises administering the derivatives or the composition; and a use of the derivatives for the manufacture of medicaments for treating and/or preventing bacterial infections in an animal.

No. of Pages : 154 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6252/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATON FOR RAIL MAINTENANCE AND IMPLEMENTATION METHOD

(51) International classification	:B23K9/235,B23K9/028,B23K9/23
(31) Priority Document No	:1150105
(32) Priority Date	:06/01/2011
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2012/050183 :06/01/2012
(87) International Publication No	:WO 2012/093168
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)SAURON Jean

(57) Abstract :
The present invention relates to an electric arc welding automaton (10) for maintaining or repairing rails and turnouts the automaton including a frame (11) and welding equipment (12) that includes a torch (13) for welding a rail area wherein the frame is provided with at least two means (16, 17) for bearing on a rail or turnout. Said two means and the torch are substantially aligned and the torch includes a means (51, 54, 56) for moving on at least two horizontal axes. The automaton is characterized in that it is provided with a means (14, 37) enabling the following steps to be carried out: within an at least two dimensional frame of reference storing spatial coordinates of points (P) forming at least two polygons defining at least two separate work surfaces (42, 43, 44) inside an area (40) to be welded; and implementing a welding program (37) including the movement of the torch relative to the frame so as to sequentially operate on all of said separate work surfaces. The invention also relates to a welding method for maintaining or repairing rails and turnouts.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.6080/DELNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH STRENGTH CEMENT ADMIXTURE AND MANUFACTURING METHOD FOR CONCRETE ARTICLE

(51) International classification :C04B22/14,C04B22/06,C04B24/02
(31) Priority Document No :2013004510
(32) Priority Date :15/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/050473
Filing Date :14/01/2014
(87) International Publication No :WO 2014/112487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)HIGUCHI Takayuki
3)NGUYEN Phuong
4)TOMIOKA Shigeru

(57) Abstract :
Provided is a high strength cement admixture with which the onset of the initial strength of concrete is great and which enables early steam curing because even if a large amount of a superplasticizer is used a setting delay is not induced; also provided is a manufacturing method for a concrete article. The high strength cement admixture contains a mixed pulverized product of gypsum having a fineness of 2500 9000 cm/gin terms of Blaine s specific surface area glycerin and a silica material preferably having a fineness of at least 5000cm/gin terms of Blaine s specific surface area and containing at least 60 mass percent of SiO. The content of the glycerin is 0.1 10 parts by mass in terms of a total of 100 parts by mass of the gypsum and glycerin and the content of the silica material is 45 90 parts by mass in terms of a total of 100 parts by mass of the gypsum silica material and glycerin. The manufacturing method is for a concrete article in which the high strength cement admixture is blended at 2 15 parts by mass in terms of a total of 100 parts by mass of the cement and high strength cement admixture.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013
(21) Application No.8593/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR

(51) International classification :C07K 16/30
(31) Priority Document No :60/692,092
(32) Priority Date :20/06/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/023099
Filing Date :14/06/2006
(87) International Publication No :WO 2007/001851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8685/DELNP/2007
Filed on :12/11/2007

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2)MALLET, WILLIAM
3)POLAKIS, PAUL

(57) Abstract :
The present invention is directed to compositions of matter useful for the diagnosis and treatment of tumor in mammals and to methods of using those compositions of matter for the same.

No. of Pages : 291 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.8594/DELNP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE DIAGNOSIS

(51) International classification :C07K 16/30
(31) Priority Document No :60/692,092
(32) Priority Date :20/06/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/023099
Filing Date :14/06/2006
(87) International Publication No :WO 2007/001851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8685/DELNP/2007
Filed on :12/11/2007

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(57) Abstract :
The present invention is directed to compositions of matter useful for the diagnosis and treatment of tumor in mammals and to methods of using those compositions of matter for the same.

No. of Pages : 290 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1047/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEMORY DATA MIGRATION METHOD COMPUTER AND APPARATUS

(51) International classification :G06F11/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/087650
Filing Date :22/11/2013
(87) International Publication No :WO 2015/074235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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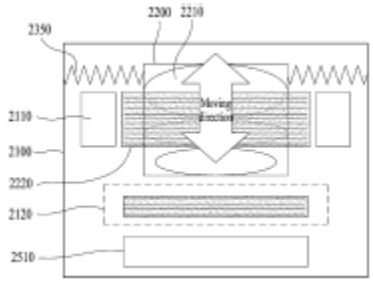
3)SUN Hongwei

(57) Abstract :
Embodiments of the present invention provide a memory data migration method a computer and an apparatus. After a processor receives a first triggering instruction the processor can exit an operating system and execute a migration instruction of a memory data of a basic input/output system the migration instruction of the memory data of the basic input and output system allows the processor to be capable of determining a source memory card of to be migrated memory data and determining a backup memory card for the source memory card and instructing a memory controller of the source memory card to migrate the memory data so that the memory controller of the source memory card can read the memory data of the source memory card according to the instruction of the processor and write the read memory data of the source memory card into the backup memory card. In this manner the memory data of the source memory card is migrated in a case in which a computer is not powered off on line maintenance of a fault memory card is implemented and the problem in the prior art is solved that a fault memory card can be replaced or maintained when a whole computer is powered off.



No. of Pages : 55 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015

(21) Application No.1048/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUSING CONTEXTUAL INFERENCES SEMANTICALLY

(51) International classification :H04M1/725
(31) Priority Document No :61/732778
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071489
Filing Date :22/11/2013
(87) International Publication No :WO 2014/088851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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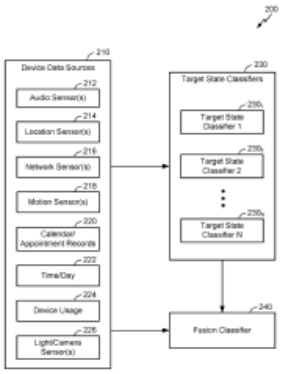
(72)**Name of Inventor :**
1)GROKOP Leonard Henry
2)SADASIVAM Shankar
3)TEAGUE Edward Harrison

(57) Abstract :
System and methods for performing context inference in a computing device are disclosed. In one embodiment a method of performing context inference includes: determining at a computing device a first context class using context related data from at least one data source associated with a mobile device; and determining at the mobile device a fusion class based on the first context class the fusion class being associated with at least one characteristic that is common to the first context class and a second context class that is different from the first context class.



No. of Pages : 36 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015
(21) Application No.1049/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CIRCUIT BREAKER

(51) International classification :H01H73/36,H01H71/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/001702
Filing Date :14/03/2013
(87) International Publication No :WO 2014/141321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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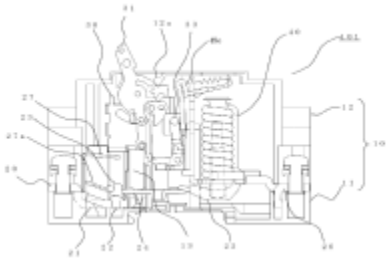
Address of Applicant :7 3Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan
(72)**Name of Inventor :**
1)MIYOSHI Nobuo

(57) Abstract :
In the present invention, a circuit breaker can be miniaturized by miniaturizing an electromagnetic wave trigger affected by inverse time characteristics while maintaining the suction force of the electromagnetic wave trigger in the circuit breaker. The circuit breaker is provided with a movable contact (24), a fixed contact (21), a power supply-side terminal (20), a gating mechanism unit (30), and an electromagnetic wave trigger (40). The fixed contact (21) is capable of coming into contact with the movable contact (23). The power supply-side terminal (20) is connected to the fixed contact. The gating mechanism unit (30) opens and closes the movable contact (24). The electromagnetic wave trigger (40) triggers the gating mechanism unit (30), and is connected to the movable contact (24). The electromagnetic wave trigger (40) includes a yoke (42), an oil dashpot (43), and a movable iron piece (49). The yoke (42) is made of a magnetic sheet. The oil dashpot (43) is fixed to one leg of the yoke (42). The movable iron piece (49) is turnably held in the other leg of the yoke (42). The electromagnetic wave trigger includes a first attraction surface (49a) facing an armature surface of the oil dashpot (43). The movable iron piece (49) is provided with a second attraction surface (49e).



No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015
(21) Application No.1051/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DENTAL FURNACE

(51) International classification :A61C13/20,F27B17/02
(31) Priority Document No :12197055.2
(32) Priority Date :13/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073287
Filing Date :07/11/2013
(87) International Publication No :WO 2014/090487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IVOCLAR VIVADENT AG
Address of Applicant :Bendererstrasse 2 CH 9494 Schaan Liechtenstein
(72)**Name of Inventor :**
1)JUSSEL Rudolf

(57) Abstract :
The invention relates to a dental furnace having a furnace base and a furnace hood wherein the furnace hood has a firing chamber for receiving dental restorations having a temperature sensor which detects the temperature of the dental restoration and is connected to a control device which controls the dental furnace. The dental furnace (10) has a drive (18) for the furnace hood (16) and the control device (30) controls the drive (18) namely opens the furnace hood on the basis of the temperature detected by the temperature sensor (20).

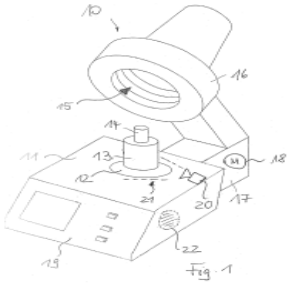


Fig 1

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015

(21) Application No.1052/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR OXIDATIVE DEHYDROGENATION OF N BUTENES TO BUTADIENE

(51) International classification :B01J38/06,B01J38/12,B01J23/887
(31) Priority Document No :12195878.9
(32) Priority Date :06/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075361
Filing Date :03/12/2013
(87) International Publication No :WO 2014/086768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
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(72)**Name of Inventor :**
1)GRUNE Philipp
2)RUTTINGER Wolfgang
3)WALSDORF Christian

(57) Abstract :
The invention relates to a process for the oxidative dehydrogenation of n-butenes to butadiene, which comprises two or more production steps (i) and at least one regeneration step (ii), in which (i) in one prodction step, a starting gas mixture comprising n-butenes is mixed with an oxygen-comprising gas and brought into contact with a multimetal oxide catalyst which comprises at least molybdenum and a further metal and is arranged in a fixed catalyst bed in a fixed-bed reactor at a temperature of from 220 to 490°C, and, before the relative decrease in conversion at constant temperature is > 25%, (ii) in a regeneration step, the multimetal oxide catalyst is regenerated by passing an oxygen-comprising regeneration gas mixture at a temperature of from 200 to 450°C over the fixed catalyst bed and burning off the carbon deposited on the catalyst, where a regeneration step (ii) is carried out between two production steps (i), wherein from 2 to 50% by weight of the carbon deposited on the catalyst is burnt off per regeneration step (ii).

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015

(21) Application No.1053/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR UPLINK SOFTER HANDOVER UE AND BASE STATION

(51) International classification :H04W24/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084408
Filing Date :09/11/2012
(87) International Publication No :WO 2014/071620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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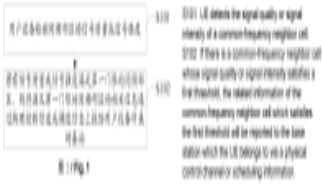
(72)**Name of Inventor :**
1)SHAO Jiafeng
2)WANG Fan
3)MA Xueli

(57) Abstract :
The embodiment of the present invention provides a method for uplink softer handover and a UE relates to the field of communications and can support the uplink softer handover at the CELL Forward Access Channel (CELL_FACH) status so as to improve the performance of the UE located on the edge of a cell and at the same time improve the processing efficiency of a Base Station (BS). The method is: detecting the signal quality or signal intensity of a common frequency neighbor cell if there is a common frequency neighbor cell whose signal quality or signal intensity satisfies a first threshold reporting the related information of the common frequency neighbor cell which satisfies the first threshold to the base station which the UE belongs to via a physical control channel or scheduling information then configuring a repetition period for transmitting the related information of the common frequency neighbor cell by pre definition or by a network and transmitting repeatedly multiple of related information of the same common frequency neighbor cells in the repetition period so as to combine the multiple of related information of the same common frequency neighbor cells at the BS. The embodiment of present invention is used to support the uplink softer handover at the CELL_FACH status.



No. of Pages : 107 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1007/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PERSONALISED SUSTAINABLE SHOWER APPARATUS HAVING A PLURALITY OF SHOWER HEADS

(51) International classification :A47K3/28,A61H33/02,B05B7/08
(31) Priority Document No :3333/MUM/2012
(32) Priority Date :21/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/EP2013/073837
Filing Date :14/11/2013
(87) International Publication No :WO 2014/079768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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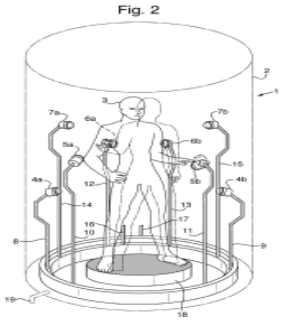
(72)**Name of Inventor :**
1)SHAH, Nimish Harshad rai
2)SHANKAR, Venkatesh

(57) Abstract :
Disclosed is a sustainable shower apparatus (1) having: (i) a housing (2) for an object (3); and (ii) plurality of shower heads (4a 4b 5a 5b 6a 6b 7a 7b) positioned at different heights for spraying a mist comprising a pressurised gas and a liquid on said object; wherein each shower head comprises at least one set of nozzles where each set comprises: (a) a nozzle (22) for spraying said gas; and (b) adjacent thereto at least one nozzle (20 22) for spraying said liquid and wherein in each said set the tip of each nozzle for spraying said liquid is at an acute angle to the tip of each adjacent nozzle for spraying gas.

Fig. 2



No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015
(21) Application No.1008/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPEECH AUDIO ENCODING DEVICE SPEECH AUDIO DECODING DEVICE SPEECH AUDIO ENCODING METHOD AND SPEECH AUDIO DECODING METHOD

(51) International classification :G10L19/032,G10L19/035
(31) Priority Document No :2012243707
(32) Priority Date :05/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/006496
Filing Date :01/11/2013
(87) International Publication No :WO 2014/068995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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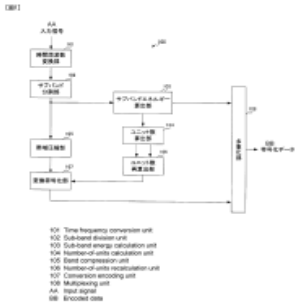
(72)**Name of Inventor :**
1)KAWASHIMA Takuya
2)OSHIKIRI Masahiro

(57) Abstract :
By the present invention the number of encoding bits allocated to encoding of extended band spectrum is reduced while degradation of sound quality in the extended band is suppressed. A band compression unit (105) creates combinations of sub band spectra in pairs of two samples each in order from a low range side in a band compression target sub band selects a spectrum having a large absolute value amplitude among the combinations and arranges the selected spectrum close to the low range side on a frequency axis. A number of units recalculation unit (106) redistributes bits saved in the sub band for which band compression was performed to a low range outside the extended band and redistributes the number of units on the basis of the redistributed bits.



No. of Pages : 71 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1009/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUSTAINABLE MINI SHOWER

(51) International classification :A47K3/28
(31) Priority Document No :12190932.9
(32) Priority Date :01/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071025
Filing Date :09/10/2013
(87) International Publication No :WO 2014/067751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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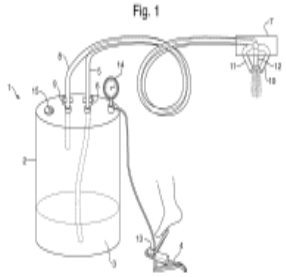
(72)**Name of Inventor :**
1)SHANKAR, Venkatesh
2)PRATAP, Shailendra
3)RAMACHANDRAN, Rajeesh Kumar
4)SHAH, Nimish Harshad rai

(57) Abstract :
Disclosed is a sustainable shower apparatus (1) comprising: (i) a pressurisable container (2) to hold water (3) and a gas; (ii) a pressuriser (4) for pressurizing said container; (iii) a shower head (7); (iv) a first tubing for carrying pressurized water from the container to the shower head; (v) a second tubing (8) for carrying pressurized gas from the container to the shower head; where flow of said gas or water is individually controllable by use of respective valves (6 9) and where each tubing terminates into a respective nozzle (10 11) in said shower head which comprises a nozzle for spraying said gas and adjacent thereto at least one nozzle for spraying the water wherein tip of each nozzle for spraying water is oriented at an acute angle with the tip of nozzle for spraying gas.



No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1077/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO, AND METHOD AND APPARATUS FOR DECODING VIDEO

(51) International classification :H04N 7/14
(31) Priority Document No :10-2009-0075855
(32) Priority Date :17/08/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005437
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :528/MUMNP/2012
Filed on :02/03/2012

(71)**Name of Applicant :**
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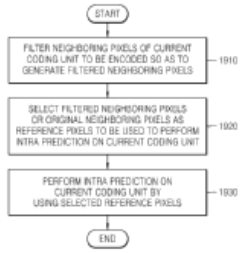
(72)**Name of Inventor :**
1)MIN, Jung-Hye
2)HAN, Woo-Jin
3)KIM, Il-Koo

(57) Abstract :
Disclosed are a method and a apparatus for encoding a video, and a method and apparatus for decoding a video, in which neighboring pixels used to perform intra prediction on a current block to be encoded are filtered and intra prediction is performed by using the filtered neighboring pixels. [Fig. 21]

[Fig. 21]



No. of Pages : 52 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015
(21) Application No.1018/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD

(51) International classification :H04N21/435,H04N21/436
(31) Priority Document No :61/729510
(32) Priority Date :23/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2013/080388
Filing Date :11/11/2013
(87) International Publication No :WO 2014/080783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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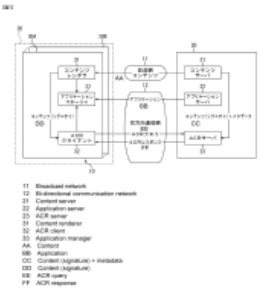
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)NAKAMURA Hitoshi
2)YAMAGISHI Yasuaki

(57) Abstract :
The present disclosure pertains to an information processing device and an information processing method that allow ACR services to be implemented without infringing the rights of respective copyright holders of content and cooperative applications. This information processing device is equipped with: a content management unit for managing first content to be watched on the content playback device side; a database unit that generates reference data in the form of a database by associating first signature data in the first content with right management information pertaining to the first signature data and a content identifier that indicates the first content which is an extraction source of the first signature data; and an identification unit that in response to a query that is transmitted from the content playback device side and contains second signature data in second content being watched by a user of the content playback device references the database unit identifies the content and sends the identification result. The present disclosure can be applied to ACR services.



No. of Pages : 73 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

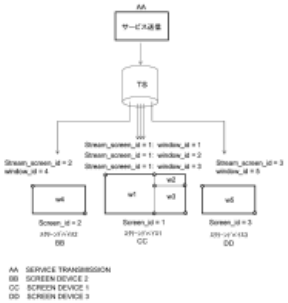
(21) Application No.1019/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMISSION DEVICE TRANSMISSION METHOD RECEPTION DEVICE RECEPTION METHOD AND RECEPTION DISPLAY METHOD

(51) International classification :H04N21/2362,H04N21/431,H04N21/434
(31) Priority Document No :2012258028
(32) Priority Date :26/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/081104
Filing Date :19/11/2013
(87) International Publication No :WO 2014/080879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)TSUKAGOSHI Ikuo

(57) Abstract :
The present invention enables a transmission side to initiatively control the display position of an image. A predetermined format container including a video stream obtained by coding image data is transmitted. Display position designation information for designating the display position of an image obtained from the image data is inserted into a layer of the container. For example the display position designation information is information for designating a screen on which display is to be performed. Further for example the display position designation information is information for designating a display unit on the screen on which the display is to be performed. For example it is also possible to insert in a layer of the video stream information indicating whether or not to change the position of the display unit on the screen on which the display is to be performed the display unit being designated by the display position designation information.



No. of Pages : 97 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1085/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEMOGLOBIN BASED OXYGEN CARRIER CONTAINING PHARMACEUTICAL COMPOSITION FOR CANCER TARGETING TREATMENT AND PREVENTION OF CANCER RECURRENCE

(51) International classification	:A61K31/50,A61K31/19,A61K31/7042
(31) Priority Document No	:61/712853
(32) Priority Date	:12/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/064418 :11/10/2013
(87) International Publication No	:WO 2014/059199
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WONG Bing Lou
2)WAI Norman Fung Man
3)KWOK Sui Yi
4)LAU Sze Hang

(57) Abstract :
The present invention provides a pharmaceutical composition containing a hemoglobin based oxygen carrier for treating cancer preventing recurrence and metastasis of cancerous tumor. The composition can be used alone or in combination with at least one chemotherapeutic agent such as 5FU Bortezomib doxorubicin cisplatin or any combination thereof. The hemoglobin based oxygen carrier in the composition is capable of targeting a surface receptor expressed on cancerous cells and facilitating the uptake of both hemoglobin based oxygen carrier and the chemotherapeutic agent by the cancerous cells via a receptor mediated mechanism. The hemoglobin based oxygen carrier inhibits the expression of hypoxic response elements such as HIF1 a VEGF ET1 VHL etc. The pharmaceutical composition of the present invention is also useful for inducing the apoptosis or cell death of a type of self renewing and tumor initiating cells called cancer stem cells which are located in the hypoxic niche of a cancerous tumor.

No. of Pages : 85 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1013/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION COMPRISING THEANINE AND AN EXTRACT OF INULA RACEMOSA.

(51) International classification :A61K36/28,A61K36/82,A61P3/10
(31) Priority Document No :12193516.7
(32) Priority Date :21/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072620
Filing Date :29/10/2013
(87) International Publication No :WO 2014/079665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BANERJEE, Gautam
2)KADAMKODE, Vinltha
3)KALATHIL, Ramitha
4)MAJUMDER, Suman

(57) Abstract :
Edible composition comprising theanine and an extract of inula racemosa, e.g. for stimulating adiponectin release in humans.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1015/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR AUTHENTICATING MULTIPLE DEVICES WITH A SAME CREDENTIAL

(51) International classification :H04L29/06
(31) Priority Document No :61/730797
(32) Priority Date :28/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072405
Filing Date :27/11/2013
(87) International Publication No :WO 2014/085706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LE NERRIEC Yohan
2)BING Jehan Gerard
3)GUION Alexandre
4)MENTER Judah,John
5)TAI Daniel D.

(57) Abstract :
A first device implements an application platform that is shared with a second device. The application platform can be implemented so that the first device and the second device operate to have a same identity to at least the network service. The first device provides a user interface in order to receive input for accessing or using the network service. Additionally the first device communicates input received in response to providing the user interface to the network service. The first device can receive a token from the network service in response to communicating the input. Additionally the first device can communicate a set of data items to the second device. The set of data items includes the token and one or more identifiers that enable the second device to access and use the network service while appearing as the first device to the network service.

FIG. 3E

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1083/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING PATIENT SPECIFIC DOSING AS A FUNCTION OF MATHEMATICAL MODELS

(51) International classification :G01N33/48,G06Q50/00
(31) Priority Document No :61/710330
(32) Priority Date :05/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063691
Filing Date :07/10/2013
(87) International Publication No :WO 2014/055978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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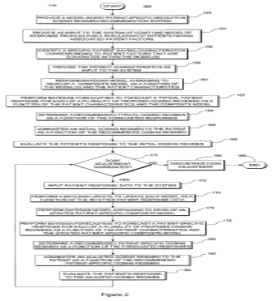
Address of Applicant :8814 Tropical Court Fort Myers Florida 33908 U.S.A.
(72)**Name of Inventor :**
1)MOULD Diane

(57) Abstract :
A system and method for predicting proposing and/or evaluating suitable medication dosing regimens for a specific individual as a function of individual specific characteristics and observed responses of the specific individual. Mathematical models of observed patient responses are used in determining an initial dose. The system and method use the patient s observed response to the initial dose to refine the model for use to forecast expected responses to proposed dosing regimens more accurately for a specific patient. More specifically the system and method uses Bayesian averaging Bayesian updating and Bayesian forecasting techniques to develop patient specific dosing regimens as a function of not only generic mathematical models and patient specific characteristics accounted for in the models as covariate patient factors but also observed patient specific responses that are not accounted for within the models themselves and that reflect variability that distinguishes the specific patient from the typical patient reflected by the model.



No. of Pages : 84 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1084/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STACKED MULTI CHIP INTEGRATED CIRCUIT PACKAGE

(51) International classification :H01L25/065,H01L23/495
(31) Priority Document No :13/647375
(32) Priority Date :08/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063811
Filing Date :08/10/2013
(87) International Publication No :WO 2014/058836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)HE Dongming
2)BAO Zhongping
3)HUANG Zhenyu

(57) Abstract :
A multi chip integrated circuit (IC) package is provided which is configured to protect against failure due to warpage. The IC package may comprise a substrate (514) a level one IC die (502) and a plurality of level two IC dies (512a 512b). The level one IC die having a surface that is electrically coupled (520) to the substrate. The plurality of level two IC dies is stacked above the level one IC die. The plurality of level two IC dies may each have an active surface that is electrically coupled (516 518) to the substrate. The plurality of level two IC dies may be arranged side by side such that the active surfaces of the plurality of level two IC dies are positioned substantially in a same plane. Relative to a single die configuration the level two IC dies are separated thereby inhibiting cracking peeling and/or other potential failures due to warpage of the IC package.

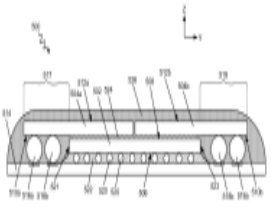


FIG. 5

No. of Pages : 58 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1011/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIETARY SUPPLEMENT DOSING DEVICE

(51) International classification :C02F1/68,A23L2/52
(31) Priority Document No :12192904.6
(32) Priority Date :16/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073027
Filing Date :05/11/2013
(87) International Publication No :WO 2014/075950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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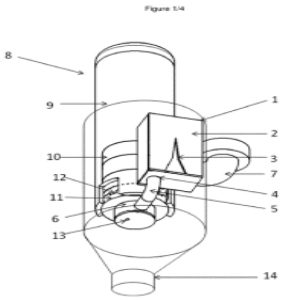
1)DAVID CHANDRA, Franklin
2)DAGAONKAR, Manoj Vilas
3)GOPALKRISHNA, Girish Shanka
4)KUMARAN, Vetri
5)RAJANARAYANA, Venkataraghavan

(57) Abstract :
The present invention relates to a dietary supplement dosing device that can be connected to a source of water to enable dosing of dietary supplement to water at the time of dispensing. The dietary supplement dosing device is capable of dosing controlled amounts of the dietary supplement to water upon being dispensed for consumption by fitting it to a faucet and the dietary supplement dosed water is free of colour taste and odour and with beneficial amounts of dietary supplement. A dietary supplement dosing device comprises a flow distribution unit and a dietary supplement cartridge and the dietary supplement cartridge can be designed to deliver the dietary supplement from a source which is either in the solid or liquid form.



No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1012/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SURFACE CLEANING COMPOSITION

(51) International classification :C11D17/06,C11D3/37,C11D3/22
(31) Priority Document No :12192944.2
(32) Priority Date :16/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070789
Filing Date :07/10/2013
(87) International Publication No :WO 2014/075845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)van den BERGH, Carlo Johannes
2)GUPTA, Neeraj
3)MONDANI, Paolo
4)TAINO, Giovanni

(57) Abstract :
The invention relates to a granular surface cleaning composition comprising from 0.2 to 12 wt. % of polyacrylic acid based swellable polymer; from 10 to 80 wt. % of cellulose fiber; from 10 to 45 wt. % of water and wherein the average granule size is from 0.05 to 5 millimeter. Said granular composition can be used to efficiently clean surfaces with little or no use of added water. In addition said composition can optionally be mixed with ash to improve the surface cleaning efficiency of the ash.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1080/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW SUBSTITUTED 1 4 DITHIINE DERIVATIVES AND THEIR USE AS FUNGICIDES

(51) International classification :C07D513/14,A01P3/00,A01N43/90
(31) Priority Document No :12195501.7
(32) Priority Date :04/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074529
Filing Date :25/11/2013
(87) International Publication No :WO 2014/086601
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOUDET Nadege
3)LAUTERWASSER Erica May Wilson
4)LOHMANN Jan Klaas
5)GROTE Thomas
6)HADEN Egon
7)MLLER Bernd
8)FEHR Marcus

(57) Abstract :
The present invention relates to substituted 1 4 dithiine derivatives of formula I as defined in the description and the N oxides and salts thereof their preparation and intermediates for preparing them. The invention also relates to the use of these compounds for combating harmful fungi and seed coated with at least one such compound and also to compositions comprising at least one such compound.

No. of Pages : 120 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1081/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE OXIDATION OF ORGANIC CARBONYL COMPOUNDS

(51) International classification :C07D309/30,C07D313/00,C07D313/04
(31) Priority Document No :12191268.7
(32) Priority Date :05/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073018
Filing Date :05/11/2013
(87) International Publication No :WO 2014/068134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)TELES Joaquim Henrique
3)PARVULESCU Andrei Nicolae
4)MLLER Ulrich

(57) Abstract :
A process for the oxidation of an organic carbonyl compound comprising reacting the organic carbonyl compound optionally in the presence of a solvent with hydrogen peroxide in the presence of a catalyst comprising a tin containing zeolitic material having an MWW type framework structure.

No. of Pages : 48 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1082/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A RECIPE FOR PROVIDING A DESIRED COLOUR AND A DESIRED EFFECT IN A PLATICS MATERIAL AND METHODS OF PREPARING A COLOUR/EFFECT FORMULATION FOR ADDITION TO A PLASTICS MATERIAL

(51) International classification :B29B7/00,B01F13/10,B01F15/00
(31) Priority Document No :61/725637
(32) Priority Date :13/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/060007
Filing Date :08/11/2013
(87) International Publication No :WO 2014/076619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CHISNALL David Andrew

(57) Abstract :
A method of determining a recipe for providing a desired colour and a desired effect for example a pearlescent effect comprises: i. Providing a group of different effect materials which suitably includes no more than 20 members for inclusion in the recipe; ii. Selecting an effect from said group which is closest to the desired effect; iii. Directing a match prediction system to use the selected effect material to determine a recipe wherein the match prediction system determines a recipe based on the selected effect material and colour information relating to the colour to be matched. A method of preparing a liquid colour/effect formulation for addition to plastics is also described.

No. of Pages : 38 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1020/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OIL STORAGE AMOUNT DETERMINATION DEVICE

(51) International classification :F02M21/02,F02B43/00,G01F23/22
(31) Priority Document No :2012257688
(32) Priority Date :26/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080441
Filing Date :11/11/2013
(87) International Publication No :WO 2014/080790
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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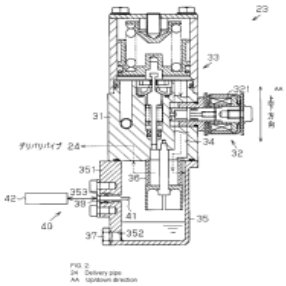
2)ODA Hiroshi
3)TAKASAKI Jun
4)SHIRASAWA Hirotaka
5)KOMODA Takao
6)OONISHI Akito

(57) Abstract :
An oil storage amount determination device that determines the amount of oil stored in a tank (35) wherein the tank (35) is constructed such that a gaseous fuel that has been decompressed by a decompression valve (33) flow into the tank a separation unit (36) that separates oil from the gaseous fuel is provided in the tank (35) and a temperature sensor (41) is supported in a side wall of the tank. This oil storage amount determination device is equipped with a determination unit (50) constructed so as to determine whether the temperature sensor (41) is immersed in the oil separated from the gaseous fuel by the separation unit (36). The determination unit (50) is constructed such that when the flow speed of the gaseous fuel flowing into the tank (35) changes the determination unit determines whether the temperature sensor (41) is immersed in oil on the basis of the state of the change in the flow speed and the state of the change in the temperature detected by the temperature sensor (41).



No. of Pages : 67 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1021/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROTATABLE TRANSPONDER SYSTEM

(51) International classification :H01Q3/12,H01Q21/30,H01Q3/26
(31) Priority Document No :223415
(32) Priority Date :04/12/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050985
Filing Date :01/12/2013
(87) International Publication No :WO 2014/087398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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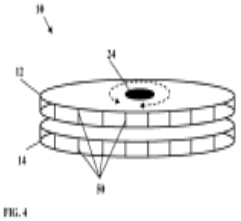
(72)**Name of Inventor :**
1)FIREAIZEN Moshe

(57) Abstract :
A transponder system is presented comprising first and second antenna arrays each comprising a plurality of antenna elements arranged in a predetermined geometry. The antenna elements of the first antenna array are respectively interconnected with corresponding antenna elements of the second antenna array by respective connection lines thereby forming plurality of receiving transmitting pairs of antenna elements. A receiving transmitting pair is configured to receive an input electro magnetic signal by one antenna element thereof and transmit a corresponding output signal by the other antenna element thereby enabling collective collection of a signal waveform and transmission of a corresponding output signal waveform. The first and second antenna arrays are rotatable with respect to one another about at least one predetermined rotation axis thereby enabling variation of direction of propagation of the output signal waveform with respect to direction of propagation of the collected signal waveform.



No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1092/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PURIFIED EXTRACT ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM CONTAINING ABUNDANT AMOUNT OF ACTIVE INGREDIENT THE PREPARATION THEREOF AND THE COMPOSITION COMPRISING THE SAME AS AN ACTIVE INGREDIENT FOR PREVENTING OR TREATING INFLAMMATION ALLERGY AND ASTHMA

(51) International classification :A61K36/80,A61P29/00,A61P11/06
(31) Priority Document No :1020120158130
(32) Priority Date :31/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011986
Filing Date :23/12/2013
(87) International Publication No :WO 2014/104672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)AHN Kyung seop
7)LEE Hyeongkyu
8)KWON Ok kyoung
9)KIM Doo young
10)KIM Jung hee
11)SONG Hyuk hwan

(57) Abstract :
Pseudolysimachion rotundum subintegrumThe present invention relates to inventive novel industrialized method for preparing purified extract containing more abundant active ingredients such as catalpol derivatives from the extract of var than that prepared by the conventional preparation method disclosed in the prior art and the therapeutics or functional health food comprising the purified extract for treating and preventing inflammatory allergic or asthmatic disease. The purified extract showed more potent anti inflammatory anti allergy and anti asthma activity than that prepared by the conventional preparation method disclosed in the prior art through various in vivo tests such as inhibition test on the reproduction of eosinolphil the release of immunoglobulin and inflammatory chemokines in plasma and bronchoalveolar fluid as well as the suppression of airway hyperresponsiveness and golblet cell hyperplasia in a OVA sensitized/challenged mouse model.

No. of Pages : 53 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1027/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR LTE MAC LOGICAL CHANNEL PRIORITIZATION BASED ON CONTROL DATA

(51) International classification :H04W72/02,H04W72/08
(31) Priority Document No :61/726866
(32) Priority Date :15/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067467
Filing Date :30/10/2013
(87) International Publication No :WO 2014/078076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAHESHWARI Shailesh
3)RAINA Ashwini
4)XIAO Gang Andy
5)TALLAPRAGADA Prasanna Venkata Santosh Kumar

(57) Abstract :
Aspects of the present disclosure provide methods systems devices and/or apparatuses for logical channel prioritization by a user equipment (UE) within a Long Term Evolution (LTE) wireless communications network. The UE may have multiple logical channels each associated with one or more applications or services of the UE. The UE may identify whether a quality of service (QoS) obligation to allocate at least a portion of uplink resources to a logical channel for a time period is present and may also identify whether the logical channel has control data to be transmitted from the UE. If a QoS obligation and/or control data are present for the logical channel the UE may allocate at least a portion of the uplink resources to the logical channel.

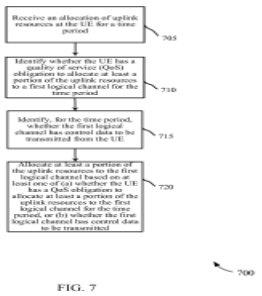

FIG. 7

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1028/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEQUENTIAL FEATURE COMPUTATION FOR POWER EFFICIENT CLASSIFICATION

(51) International classification :G06F9/48
(31) Priority Document No :61/728190
(32) Priority Date :19/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065431
Filing Date :17/10/2013
(87) International Publication No :WO 2014/078007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AHUJA Disha
3)KULKARNI Rashmi
4)SADASIVAM Shankar
5)TEAGUE Edward Harrison
6)NANDA Sanjiv

(57) Abstract :
Disclosed is an apparatus and method for power efficient processor scheduling of features. In one embodiment features may be scheduled for sequential computing and each scheduled feature may receive a sensor data sample as input. In one embodiment scheduling may be based at least in part on each respective features estimated power usage. In one embodiment a first feature in the sequential schedule of features may be computed and before computing a second feature in the sequential schedule of features a termination condition may be evaluated.

FIG. 3

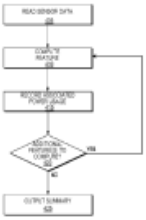

FIG. 4

No. of Pages : 49 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1029/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RASTER TO VECTOR MAP CONVERSION

(51) International classification :G06T11/20,G06T5/20,G06T9/20
(31) Priority Document No :61/727046
(32) Priority Date :15/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069098
Filing Date :08/11/2013
(87) International Publication No :WO 2014/078182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHAO Hui
2)SHARMA Abhinav
3)DAS Saumitra Mohan

(57) Abstract :
A computer implemented method for converting a raster image map to a vector image map includes receiving an electronic raster image that shows an indoor map of a building structure. The method also includes determining whether the indoor map is a line map. If not the indoor map is converted into a line map. Next the electronic raster image is processed to generate a processed raster image of the indoor map. The method then extracts vector lines from the processed raster image to generate an electronic vector image that includes the indoor map of the building structure.

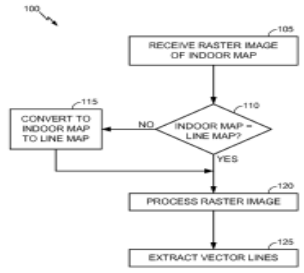

FIG. 1

No. of Pages : 49 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1094/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLOBENZODIAZEPINE ANTIBODY CONJUGATES

(51) International classification :A61K47/48,A61P35/00
(31) Priority Document No :61/712924
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/071349
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADC THERAPEUTICS SARL
Address of Applicant :c/o Michael Forer Rue Saint Pierre 2 CH 1003 Lausanne Switzerland
2)MEDIMMUNE LIMITED
(72)**Name of Inventor :**
1)VAN BERKEL Patricius Hendrikus Cornelis
2)HOWARD Philip Wilson

(57) Abstract :
Conjugates of an antibody that binds to CD25 with PBD dimers.

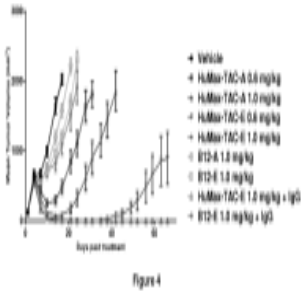

Figure 4

No. of Pages : 208 No. of Claims : 117

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1095/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARTICLE COMPRISING POLYLACTIC ACID LAYERS AND PROCESS OF MAKING THE SAME

(51) International classification :B32B5/18,B32B27/36
(31) Priority Document No :PCT/IB2012/002421
(32) Priority Date :30/10/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/EP2013/072564
Filing Date :29/10/2013
(87) International Publication No :WO 2014/067923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMPAGNIE GERVAIS DANONE
Address of Applicant :17 boulevard Haussmann F 75009 Paris France
2)CLARIANT INTERNATIONAL LTD
(72)**Name of Inventor :**
1)CHIVRAC Frdric
2)JACOB Anne Flore
3)WEGNER Jan Eric
4)GROESELING Mirco

(57) Abstract :
The invention concerns an article comprising layers of polylactic acid and a process of making the same. A layer is of foamed polylactic acid. A layer preferably comprises an impact modifier. The article can be used in the field of packaging.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1096/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A DISTRIBUTED SYSTEM ARCHITECTURE TO PROVIDE WIRELESS TRANSMITTER POSITIONING

(51) International classification :H04W4/02,H04W4/20,G01S5/02
(31) Priority Document No :61/731998
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063289
Filing Date :03/10/2013
(87) International Publication No :WO 2014/084962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)BHATIA Ashok

(57) Abstract :
A distributed architecture provides the location of wireless transmitters to mobile devices for positioning the location determined from e.g. crowdsourcing and wardriving. A server receives location data for wireless transmitters such as an access point a femtocell Bluetooth Transmitter radio frequency identification (RFID) and near field communication (NFC) station etc. from mobile devices. The server determines the locations of the wireless transmitters using the location data and provides the locations to the respective wireless transmitters. The wireless transmitters broadcast their identities and locations. Thus a mobile device may receive the location directly from the wireless transmitter eliminating the requirement of contacting a central server and downloading a regional almanac for positioning. This eliminates in a large number of scenarios the need to have data connectivity at the time of position calculation. Additionally the wireless transmitters may transmit validation data to the server to validate or invalidate the determined location.

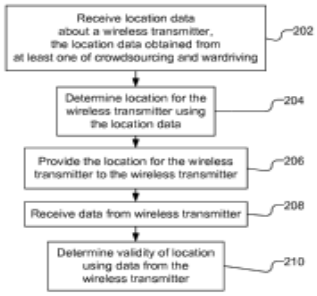

Fig. 4

No. of Pages : 36 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1031/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTAKE MODULE OF AN AIR INTAKE TRACT OF AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M35/16,F02M35/02,F02M35/024
(31) Priority Document No	:10 2012 023 856.8
(32) Priority Date	:06/12/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/075596 :05/12/2013
(87) International Publication No	:WO 2014/086895
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MANN+HUMMEL GMBH
Address of Applicant :Hindenburgstr. 45 71638 Ludwigsburg Germany
(72)**Name of Inventor :**
1)MADEIRA Pedro Miguel Pereira

(57) Abstract :
An intake module (22) of an air intake tract of an internal combustion engine of a motor vehicle in particular of a heavy goods vehicle is described. An air filter element (44) for filtering combustion air that is drawn in is arranged in a filter housing part (28). The filter housing part (28) has at least one outlet (34) for purified combustion air. An intake housing part (32) has at least one inlet (72) for the combustion air to be purified. An air connection (30 61) is provided between an outlet section (68) of the intake housing part (32) and an inflow side of the air filter element (44). Between the outlet section (68) of the intake housing part (32) and an inlet section (40) of the filter housing part (28) there is arranged a fixed intake pipe part which at least jointly forms the air connection between the outlet section (68) of the intake housing part (32) and the inflow side of the air filter element (44).

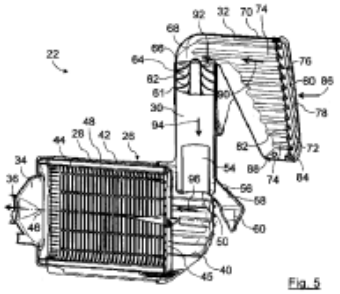

Fig. 5

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1032/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD OF CUTTING COSMETIC ARTICLES USING PRESSURISED FLUID

(51) International classification :B26F3/00,C11D13/00
(31) Priority Document No :12193937.5
(32) Priority Date :23/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073165
Filing Date :06/11/2013
(87) International Publication No :WO 2014/079690
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :Unilever House 100 Victoria Embankment London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BANKAR Pravin
2)MORRISROE Sean Patrick

(57) Abstract :
The invention relates to a method of cutting or shaping cosmetic articles using a pressurised fluid. We have determined the cutting speed appropriate for cosmetic articles having hardness in the range of 0 mm to 120 mm so as to get a smoother finish. Disclosed is a method of cutting a cosmetic article comprising a step of bringing said article in contact with a jet of pressurised fluid sprayed from at least one nozzle having an orifice of cross sectional area from 4.9X104 mm2 to 750x104 mm2 where hardness of said article expressed as penetration value is 0 mm to 120 mm wherein a relative motion of 150 mm/minute to 1500 mm/minute is provided between said article and said nozzle while the article is cut.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1033/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BENEFIT DELIVERY PARTICLE COMPOSITIONS COMPRISING SAID PARTICLES AND A METHOD FOR TREATING SUBSTRATES

(51) International classification :A61Q13/00,A61K8/73,A61K8/81
(31) Priority Document No :12193981.3
(32) Priority Date :23/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073695
Filing Date :13/11/2013
(87) International Publication No :WO 2014/079745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :Unilever House 100 Victoria Embankment London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)JONES Craig Warren
2)LIMER Adam John

(57) Abstract :
A particle comprising: a core comprising an optional benefit agent; an inner shell at least partially surrounding the core said inner shell being the water insoluble product of a polymerisation reaction to form a first polymer with a glass transition temperature above and including 70 degrees Celsius preferably above and including 80 degrees Celsius; an outer shell at least partially surrounding said inner shell said outer shell being the water insoluble product of a polymerisation reaction to form a second polymer with a glass transition temperature below and including 35 degrees Celsius; and a deposition aid covalently attached to the outer shell.

No. of Pages : 48 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1105/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FASTENING DEVICE FASTENING SYSTEM AND FURNITURE ASSEMBLY

(51) International classification :A47B13/00,F16B12/00
(31) Priority Document No :12512554
(32) Priority Date :06/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2013/054518
Filing Date :06/03/2013
(87) International Publication No :WO 2014/072080
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTER IKEA SYSTEMS B.V.
Address of Applicant :Olof Palmestraat 1 NL 2616 Delft Netherlands
(72)**Name of Inventor :**
1)LEVEEN Jim
2)ERIKSSON Anders
3)SJ–STEDT Gran

(57) Abstract :
A fastening device (2;20) for assembling panels (170;180) in furniture the device (2;20) having an axial extension along an axial direction and a lateral extension along a lateral direction said device (2;20) comprising an upper part (4;40) and a lower part (5;50) a circumferential extending peripheral surface (10;110) the device (2;20) having an axially extending through passage (8;80) for the insertion of a pin the in the axial direction wherein the fastening device (2;20) comprises elements for taking up forces along both the axial and lateral direction.

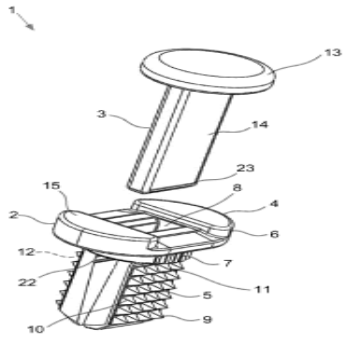

Fig. 1

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1022/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOCHEMICAL STRESS RESISTANT MICROBIAL ORGANISM

(51) International classification :C12N9/88,C12P7/10
(31) Priority Document No :TO2012A000870
(32) Priority Date :05/10/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/070739
Filing Date :04/10/2013
(87) International Publication No :WO 2014/053648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIOCHEMTEX S.P.A.
Address of Applicant :Strada Ribrocca 11 I 15057 TORTONA (Alessandria) Italy
(72)**Name of Inventor :**
1)BRANDUARDI, Paola
2)PORRO, Danilo

(57) Abstract :
ArabidopsisthalianaIt is disclosed a non naturally occurring microbial organism comprising at least one exogenous nucleic acid encoding an enzyme or a portion thereof selected from the group of ammonia lyase. Preferably the enzyme is PAL3 and the at least one exogenous nucleic acid is obtained from . The non naturally occurring microbial organism has an increased resistance to biochemical stress compared to the starting microbial organism as induced for instance by oxidative stress or organic acid stress. Preferably the non naturally occurring microbial organism is a yeast and it may be used for fermenting a carbon source obtained from a ligno cellulosic feedstock.

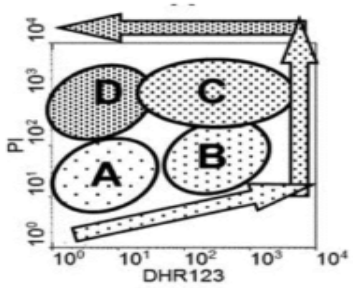

Figure 1

No. of Pages : 68 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015
(21) Application No.1023/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING DYNAMIC STRETCH RIGIDITY OF OUTER PANEL OF AUTOMOBILE COMPONENT

(51) International classification :G01N3/20
(31) Priority Document No :2012243614
(32) Priority Date :05/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079386
Filing Date :30/10/2013
(87) International Publication No :WO 2014/069518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
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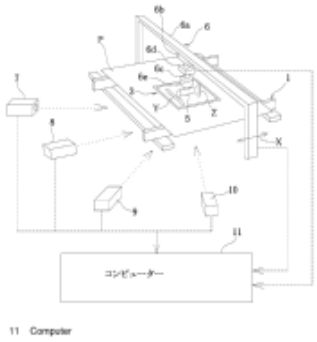
(72)**Name of Inventor :**
1)FUTATSUKA TAKAYUKI
2)IWAMA Takashi
3)SATO Kentaro
4)YAMASAKI Yuji
5)KOMATU Youiti
6)SHIRAISHI Eiichi
7)HATA Yukiko
8)TOKIEDA Kayo

(57) Abstract :
[Problem] To provide a technology for measuring dynamic stretch rigidity with increased accuracy. [Solution] A method for measuring dynamic stretch rigidity of an outer panel of an automobile component includes deforming a measured outer panel by pressing an indenter onto a surface of the measured outer panel in a predetermined pressing direction intersecting the surface and with a predetermined load and measuring a deformed state of the measured outer panel. The method is characterized in that: a grid is transferred onto a surface at a measured site of the measured outer panel; a reference marker is placed in the vicinity of the measured site of the measured outer panel; the grid on the surface of the measured outer panel deformed by the load of the indenter is photographed by a plurality of cameras from a plurality of positions simultaneously and repeatedly while the indenter is pressed onto the surface at the measured site of the measured outer panel with the load and while the indenter is moved in a direction perpendicular to the pressing direction; and a change in the deformed state of the measured outer panel as a result of the movement of the indenter is measured by calculating three dimensional position information of the grid on the basis of image data obtained by the photographing and in accordance with correspondence to the reference marker the change being output as panel deformation data.



No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1090/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLOBENZODIAZEPINE ANTIBODY CONJUGATES

(51) International classification :A61K47/48,A61P39/00,A61P35/00
(31) Priority Document No :61/712924
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/071346
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADC THERAPEUTICS SARL
Address of Applicant :c/o Michael Forer Rue Saint Pierre 2 CH 1003 Lausanne Switzerland
2)MEDIMMUNE LIMITED
(72)**Name of Inventor :**
1)VAN BERKEL Patricius Hendrikus Cornelis
2)HOWARD Philip Wilson

(57) Abstract :
Conjugates of an antibody that binds to CD19 with PBD dimers.

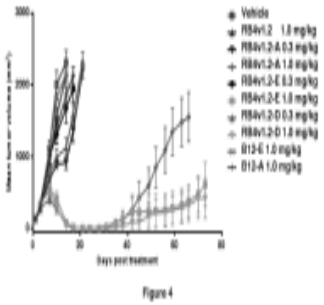


Figure 4

No. of Pages : 209 No. of Claims : 115

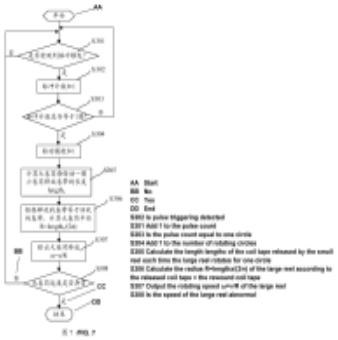
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1091/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BANKNOTE TEMPORARY STORAGE MODULE AND REEL ROTATING SPEED CONTROL METHOD THEREOF

(51) International classification :B65H29/00, G07D11/00
(31) Priority Document No :201210462149.2
(32) Priority Date :15/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078107
Filing Date :27/06/2013
(87) International Publication No :WO 2014/075449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GRG BANKING EQUIPMENT CO.LTD.
Address of Applicant :9 Kelin Road Science City Luogang District Guangzhou Guangdong 510663 China
(72)**Name of Inventor :**
1)XIAO Bao
2)HE Yunfei
3)CHEN Qiaoqiao
4)ZHANG Tao

(57) Abstract :
banknote temporary storage module and a reel rotating speed control method thereof. The banknote temporary storage module comprises a large reel (201) driven by a first power motor, a small reel (202) driven by a second power motor, a coiling tape (208), a first coded disc (203), a second coded disc (204), a first sensor (205), a second sensor (206) and a microcontroller. Two ends of the coiling tape are separately fixed on the large reel and the small reel and the coiling tape is retracted and wound between the large reel and the small reel. The first coded disc is fixed on a rotating shaft of the large reel. The second coded disc is fixed on a rotating shaft of the small reel. The first sensor is arranged corresponding to the first coded disc and is used for monitoring the rotating angle of the large reel. The second sensor is arranged corresponding to the second coded disc and is used for monitoring the rotating angle of the small reel. The microcontroller is used for calculating, according to output signals of the first sensor and the second sensor, the length of the coil tape released by the small reel each time the large reel rotates for one circle, and further calculating the current radius of the large reel, and thus angular velocities of the large reel and the small reel are controlled and the linear velocity of the large reel is enabled to be consistent with that of the small reel.



No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015
(21) Application No.1036/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS AND APPARATUS FOR WATER TREATMENT

(51) International classification :C02F1/00,C02F1/72,C02F7/00
(31) Priority Document No :2012904778
(32) Priority Date :01/11/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/001242
Filing Date :28/10/2013
(87) International Publication No :WO 2014/066931
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WATER SCIENCE TECHNOLOGIES PTY LTD
Address of Applicant :PO Box 1014 Sunshine West Victoria 3020 Australia
(72)**Name of Inventor :**
1)DUTA Gheorghe Emil

(57) Abstract :
A process for treating water comprising the step of oxygenating water for treatment with an oxygen containing gas in a conditioning module wherein said oxygenation process is catalysed by at least one metal salt dosed into said conditioning module under oxidising and p H conditions at which reactive metal radicals and hydroxyl radicals form. The oxygenation process does not require the use of hydrogen peroxide or ozone and can be conducted at ambient temperature and pressure. Apparatus (700) to conduct the process is also disclosed.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

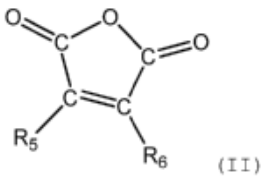
(21) Application No.1037/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HAIR CARE COMPOSITION

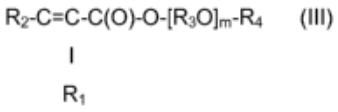
(51) International classification :A61K8/49,A61Q5/00,A61K8/81
(31) Priority Document No :PCT/CN2012/085557
(32) Priority Date :29/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/073607
Filing Date :12/11/2013
(87) International Publication No:WO 2014/082851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)Doreen HENTRICH
2)Adam Peter JARVIS
3)Katarzyna Elzbieta Kita-TOKARCZYK
4)Adam John LIMER
5)Scot ROBSON

(57) Abstract :
5656131818121 3324234An aqueous composition comprising: i) at least 0.5 wt.% of the total composition of a cleansing surfactant ii) at least 0.01 wt.% of the total composition of a silicone conditioning agent; iii) at least 0.05 wt.% of the addition polymerization product of: a. from 0.1 to 5 wt.% of a first unsaturated monomer A of a ethylenically unsaturated diacid of formula (I): HOOC CR=CR COOH or an unsaturated cyclic anhydride precursor of such an ethylenically unsaturated cis diacid the anhydride having formula (II) where R and R are individually selected from H C C alkyl phenyl chlorine and bromine; b. from 1 to 60 wt.% of a second ethylenically unsaturated monomer B selected from acrylic acid methacrylic acid and combinations thereof c. from 30 to 75 wt.% a (meth)acrylate monomer C selected from C to C alkyl esters of (meth)acrylic acid and C to C alkyl estersof methacrylic acid and combinations thereof d. from 1 to 25 wt.% of an associative monomer D of the formula (III) where R and R are each independently selected from H and C alkyl; R is C C and mixtures thereof preferably C; m the average number of alkoxy units RO is from 6 to 40; R is alkyl or alkylaryl where the alkyl part is linear or branched; and the total number of carbons is from 6 to 40; e. from 0 to 1.0 wt.% of a cross linking monomer E for introducing branching and controlling molecular weight the cross linking monomer comprising polyfunctional units carrying multiple reactive functionalization groups selected from the group consisting of vinyl allylic and functional mixtures thereof.



(II)



(III)

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1102/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR A SELF REGULATED PNEUMATIC SUPPLY WITH A MEANS FOR REGULATING THE AIR PASSAGE SECTION

(51) International classification :A01C7/08
(31) Priority Document No :1261236
(32) Priority Date :26/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052841
Filing Date :25/11/2013
(87) International Publication No :WO 2014/080147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AUDIGIE Jean Charles
2)EBERHART Julien
3)SUPPER Nicolas

(57) Abstract :
The invention relates to a device (1) for a self regulated pneumatic supply from a main tank (2) containing the product to at least one auxiliary tank (3) according to the filling rate thereof said supply device (1) comprising a compressed air source (4) an inclined duct (5) connected to a pipeline (6) and a dual flow air duct comprising a first channel (7) opening up close to the outlet of said main tank (2) and a second channel (9) opening up close to the inlet of said pipeline (6) in order to carry the product to said auxiliary tank (3). The device (1) is characterised in that at least one of the channels (7 9) comprises a means (11) designed to regulate the air passage section crossing through one of the channels (7 9). The invention applies to a seeder comprising such a supply device.

No. of Pages : 15 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1038/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MILD ANTIBACTERIAL CLEANSING COMPOSITIONS

(51) International classification :A61K8/34,A61K8/44,A61Q17/00
(31) Priority Document No :3398/MUM/2012
(32) Priority Date :29/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/EP2013/073690
Filing Date :13/11/2013
(87) International Publication No :WO 2014/082854
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GUPTA Shashank Narendra
2)KUMAR Nitish
3)RAIKAR Gagarin Warmanrao
4)RAGHAVACHARI Rajan
5)SANZGIRI Vibhav Ramrao

(57) Abstract :
Disclosed is a cleansing composition comprising: (i) a non soap surfactant which is an alkyi glycinate alkyi carboxy glycinate sarcosinate glutamate or a mixture thereof; and (ii) one or more antimicrobial agent wherein pH of said composition is at least 8.5 and zein number of said composition is in the range of 10 to 65 and wherein soap content of said composition is not greater than 5 wt%. The formulation is highly alkaline yet gives mild antibacterial cleansing action.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1039/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENABLING AUGMENTED REALITY USING EYE GAZE TRACKING

(51) International classification :G06F3/147,G06K9/22,G06F3/01
(31) Priority Document No :61/739518
(32) Priority Date :19/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074067
Filing Date :10/12/2013
(87) International Publication No :WO 2014/099479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SWAMINATHAN Ashwin
2)RAMACHANDRAN Mahesh

(57) Abstract :
Methods and apparatus relating to enabling augmented reality applications using eye gaze tracking are disclosed. An exemplary method according to the disclosure includes displaying an image to a user of a scene viewable by the user receiving information indicative of an eye gaze of the user determining an area of interest within the image based on the eye gaze information determining an image segment based on the area of interest initiating an object recognition process on the image segment and displaying results of the object recognition process.

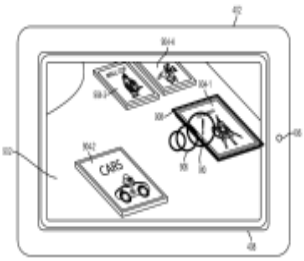

FIG. 9

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1107/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IDENTIFICATION CHIP RECEIVING APPARATUS FIBER SPLICING AND TERMINATION MODULE FIBER MANAGEMENT APPARATUS AND ASSEMBLY METHOD

(51) International classification :G02B6/38,G02B6/36
(31) Priority Document No :201210441049.1
(32) Priority Date :07/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086652
Filing Date :06/11/2013
(87) International Publication No :WO 2014/071848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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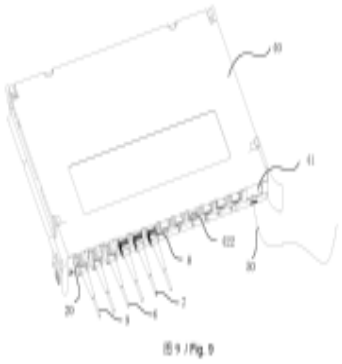
3)SHU Siwen

(57) Abstract :
The present invention relates to an identification holding apparatus, an optical fiber splicing and distribution module, an optical fiber management apparatus, and a method for assembling an optical fiber management apparatus. The optical fiber management apparatus includes the identification chip holding apparatus and the optical fiber splicing and distribution module, where a snap-on structure of the identification chip holding apparatus is fitted into an optical fiber connector, and a chip accommodating structure of the identification chip holding apparatus is installed in a hollow groove; and a chip in the chip accommodating structure implements external communication by using the chip accommodating structure and a circuit board. The optical fiber management apparatus in the embodiments of the present invention has good compatibility with a low cost and allows a convenient and quick operation of upgrading a common network to an intelligent network without interrupting a fiber-optic communication service.



No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1108/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LEVONORGESTREL ONLY COMPOSITION FOR OPTIMIZED ORAL CONTRACEPTION WITH DEFINED LEVONORGESTREL CONTENT DOSAGE REGIMEN AND PHARMACEUTICAL PREPARATION

(51) International classification :A61K31/565,A61P15/18
(31) Priority Document No :12192192.8
(32) Priority Date :12/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072915
Filing Date :04/11/2013
(87) International Publication No :WO 2014/072245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOCHHAR Prithi S.
3)OSTERWALD Hermann

(57) Abstract :
Based on specific experimental studies the invention relates to an optimized levonorgestrel only composition for improved continuous oral contraception with consequences for suitable pharmaceutical preparations for the same purpose and with defined levonorgestrel content. The invention relates to a pharmaceutical composition for oral contraception for a woman of fertile age consisting of a number of separately packed and individually removable daily dosage units intended for consecutive daily oral administration each dosage unit consisting of 60 to 100 mug of levonorgestrel and one or more pharmaceutical acceptable carriers and excipients. Additionally the invention relates to a dosage regimen i.e. to the use of an oral dosage form consisting of 60 to 100 mug of levonorgestrel and one or more pharmaceutical acceptable carriers and excipients per dosage unit for oral contraception for a woman of fertile age by administering one dosage unit daily during the complete menstruation cycle.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015
(21) Application No.1042/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD FOR DIAGNOSING OR MONITORING KIDNEY FUNCTION OR DIAGNOSING KIDNEY DYSFUNCTION

(51) International classification :G01N33/68
(31) Priority Document No :12187051.3
(32) Priority Date :02/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070470
Filing Date :01/10/2013
(87) International Publication No :WO 2014/053501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERGMANN Andreas

(57) Abstract :
A method for (a) diagnosing or monitoring kidney function in subject or (b) diagnosing kidney dysfunction in a subject or (c) predicting or monitoring the risk of an adverse events in a diseased subject wherein said adverse event is selected from the group comprising worsening of kidney dysfunction including kidney failure loss of kidney function and end stage kidney disease or death due to kidney dysfunction including kidney failure loss of kidney function and end stage kidney disease or (d) predicting or monitoring the success of a therapy or intervention comprising · determining the level of Pro Enkephalin (PENK) or fragments thereof of at least 5 amino acids in a bodily fluid obtained from said subject; and (a) correlating said level of Pro Enkephalin or fragments thereof with kidney function in a subject or (b) correlating said level of Pro Enkephalin or fragments thereof with kidney dysfunction wherein an elevated level above a certain threshold is predictive or diagnostic for kidney dysfunction in said subject or correlating said level of Pro Enkephalin or fragments thereof with said risk of an adverse event in a diseased subject wherein an elevated level above a certain threshold is predictive for an enhanced risk of said adverse events or (d) said level of Pro Enkephalin or fragments thereof with success of a therapy intervention in a diseased subject wherein a level below a certain threshold predictive for a success of therapy or intervention.

No. of Pages : 68 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1043/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD FOR PREDICTING THE RISK OF GETTING CANCER OR DIAGNOSING CANCER IN A FEMALE SUBJECT

(51) International classification :G01N33/574
(31) Priority Document No :12187050.5
(32) Priority Date :02/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070471
Filing Date :01/10/2013
(87) International Publication No :WO 2014/053502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BERGMANN Andreas
2)MELANDER Olle

(57) Abstract :
Subject matter of the present invention is a method for predicting the risk of getting cancer in a female subject that does not suffer from cancer or alternatively diagnosing cancer in a female subject comprising: determining the level of Pro Enkephalin or fragments thereof including Leu Enkephalin and Met Enkephalin of at least 5 amino acids in a bodily fluid obtained from said female subject; and correlating said level of Pro Enkephalin or fragments thereof with a risk for getting cancer wherein a reduced level is predictive for an enhanced risk of getting cancer or alternatively diagnosing cancer wherein an reduced level is correlated with the diagnosis of cancer.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1044/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAMERA MODULE AND METHOD FOR AUTO FOCUSING THEREOF

(51) International classification :G03B3/10,G02B7/09
(31) Priority Document No :1020140007783
(32) Priority Date :22/01/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2015/000513
Filing Date :19/01/2015
(87) International Publication No :WO 2015/111884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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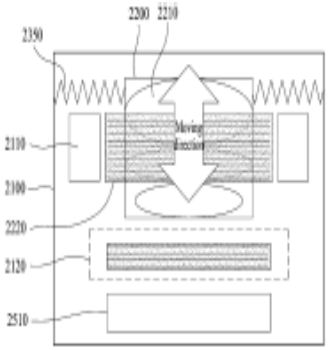
(57) Abstract :
A camera module including a fixing unit including a hole formed therein a moving unit including at least one lens and configured to linearly move in the hole of the fixing unit; and a driving unit configured to drive the moving unit. Further the driving unit includes a corresponding magnet arranged in the inner surface of the hole of the fixing unit; a moving coil surrounding the outer surface of the moving unit; and a fixed coil arranged in the fixing unit and configured to receive from the moving coil a current or voltage variable based on a distance with the moving coil.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1110/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETECTION OF PRESENCE AND ALIGNMENT OF A THERAPEUTIC AGENT IN AN IONTOPHORETIC DRUG DELIVERY DEVICE

(51) International classification :A61N1/32,A61N1/04,A61N1/30
(31) Priority Document No :13/677089
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070068
Filing Date :14/11/2013
(87) International Publication No:WO 2014/078517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CLEVENGER Jason
3)SAAR David

(57) Abstract :
A system is provided for testing whether an iontophoretic drug delivery device is in an appropriate state for administering a therapeutic agent into an animal body. An electrical characteristic of at least one electrical path associated with an electrode test point is used to determine whether the iontophoretic device is in an appropriate state. The measured electrical characteristic indicates that the iontophoretic device is in an appropriate state for administering the therapeutic agent into the animal body when the therapeutic agent is properly disposed with respect to the electrodes of the iontophoretic device.

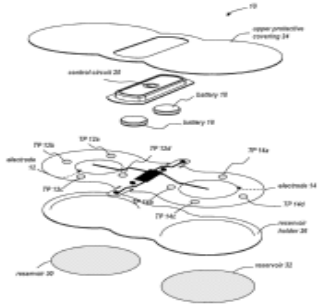

Figure 2

No. of Pages : 76 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1034/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORAL CARE COMPOSITIONS

(51) International classification :A61K8/19,A61K8/73,A61K8/97
(31) Priority Document No :12194410.2
(32) Priority Date :27/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074578
Filing Date :25/11/2013
(87) International Publication No:WO 2014/082951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRENNAN Lee James
3)Wilson William John

(57) Abstract :
The invention provides an oral care composition suitable for cleaning the surfaces of the oral cavity the composition comprising: an aqueous continuous phase including at least 1% by weight (based on the total weight of the composition) of one or more polyhydric alcohols; from 1 to 70% by weight (based on the total weight of the composition) of particulate calcium carbonate abrasive which is dispersed in the aqueous continuous phase characterised in that the aqueous continuous phase is structured with a matrix of activated citrus fibre particles.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1035/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HAIR CARE COMPOSITION

(51) International classification :A61K8/49,A61Q5/00,A61K8/81
(31) Priority Document No :PCT/CN2012/085551
(32) Priority Date :29/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/073571
Filing Date :12/11/2013
(87) International Publication No:WO 2014/082846
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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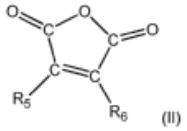
2)HENTRICH Doreen
3)JARVIS Adam Peter
4)KITA-TOKARCZYK Katarzyna Elzbieta
5)LIMER Adam John

(57) Abstract :
5656131818121 3324234An aqueous hair care composition comprising: (i) at least 0.01 wt. % of the total composition of a particulate antidandruff agent; (ii) at least 0.05 wt. % of the addition polymerization product of: a) from 0.1 to 5 wt. % of a first unsaturated monomer A of a ethylenically unsaturated diacid of formula (I): HOOC CR=CR COOH or an unsaturated cyclic anhydride precursor of such an ethylenically unsaturated cis diacid the anhydride having formula (II) where R and R are individually selected from H C C alkyl phenyl chlorine and bromine; b) from 1 to 60 wt. % of a second ethylenically unsaturated monomer B selected from acrylic acid methacrylic acid and combinations thereof c) from 30 to 75 wt. % of a (meth)acrylate monomer C selected from C to C alkyl esters of (meth)acrylic acid and C to C alkyl esters of methacrylic acid and combinations thereof from 1 to 25 wt. % of an associative monomer D of the formula (III): Where R and R are each independently selected from H and C alkyl; R is C C and mixtures thereof preferably C; m the average number of alkoxy units RO is from 6 to 40; R is alkyl or alkylaryl where the alkyl part is linear or branched; and the total number of carbons is from 6 to 40.



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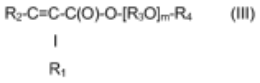

(III)

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1100/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETERMINATION OF POSITION VELOCITY AND/OR HEADING BY SIMULTANEOUS USE OF ON DEVICE AND ON VEHICLE INFORMATION

(51) International classification :G01C21/16,G01C21/28,G01C25/00
(31) Priority Document No :61/734326
(32) Priority Date :06/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070296
Filing Date :15/11/2013
(87) International Publication No :WO 2014/088783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RILEY Wyatt Thomas

(57) Abstract :
Systems apparatus and methods to supplement combine replace verify and calibrate in vehicle and in device sensors and GNSS systems are presented. A mobile device and a vehicle navigation system share sensor and GNSS information to arrive at an improved navigation solution. For example a navigation solution computed by a vehicle may rely on a sensor signal from a mobile device. Similarly a navigation solution computed by a mobile device may use a sensor signal or a GNSS signal from a vehicle.

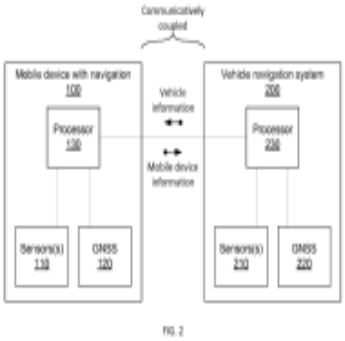

FIG. 2

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1101/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PAPER MEDIUM STACKING DEVICE

(51) International classification :G07D13/00
(31) Priority Document No :201210447728.X
(32) Priority Date :09/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078732
Filing Date :03/07/2013
(87) International Publication No :WO 2014/071744
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUANG Shaohai

(57) Abstract :
A sheet type medium processing technique in particular a piece by piece end aligning and stacking device for a paper medium the device comprising a conveying mechanism for a single sheet of paper medium an upper conveyer belt (153) an arc shaped stacking plate (18 19 25) a movable blocking mechanism (20) a sensor device (17) and a control portion; at least one pair of convex ribs are formed on the two sides of the upper conveyer belt (153) on a section of the arc shaped surface of the arc shaped stacking board (18 19 25) near the conveying mechanism; the convex ribs have a width smaller than the minimum dimension of the paper medium in a direction perpendicular to the conveying direction. By adding convex ribs on the two sides of the arc shaped stacking plate (18 19 25) corresponding to the position of the upper conveyer belt (153) the paper medium to be clamped and conveyed forms a V shape greatly increasing the rigidity of the paper medium thus effectively solving the problem of blockage due to the presence of slit at the end of the paper medium and also solving the problem of blockage caused by soft and old medium folding and arching up.

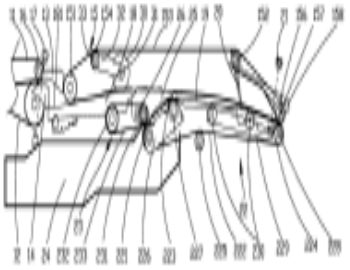

FIG.5

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015
(21) Application No.1045/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHIELDINGS FOR METAL DETECTOR HEADS AND MANUFACTURING METHODS THEREOF

(51) International classification :G01V3/10
(31) Priority Document No :61/709936
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063218
Filing Date :03/10/2013
(87) International Publication No :WO 2014/055732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIITEK INC.
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(72)**Name of Inventor :**
1)WHALEY Brian A.

(57) Abstract :
Systems and methods for shielding a metal detector head include placement of conductive shielding around the coils of the head to reduce the effects of capacitance variation between the coils and their surroundings.

No. of Pages : 28 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1046/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMON E RGCH INFORMATION INTERACTION METHOD APPARATUS AND SYSTEM

(51) International classification :H04W28/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/083762
Filing Date :30/10/2012
(87) International Publication No :WO 2014/067069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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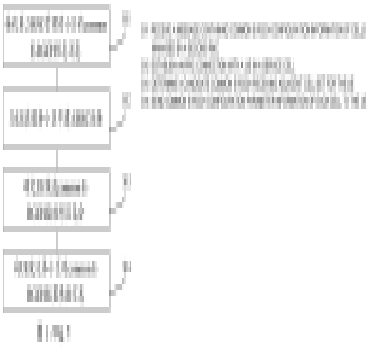
(72)**Name of Inventor :**
1)YAN Kun
2)CHEN Yan yan
3)QIU Liwei
4)LI Bingzhao

(57) Abstract :
Disclosed is a common E DCH Relative Grant Channel (E RGCH) information interaction method an apparatus and a system. The method comprises: receiving a message sent by a second Radio Network Controller (RNC) wherein the message contains common E RGCH configuration information of cells managed by the second RNC; selecting a candidate common E RGCH receiving adjacent cell set for a UE wherein the candidate common E RGCH receiving adjacent cell set comprises adjacent cells determined according to common E RGCH information sent by the second RNC and where a common E RGCH feature is available; sending common E RGCH configuration parameter information of each cell in the candidate common E RGCH receiving adjacent cell set to the UE. Through common E RGCH information interaction between RNCs the UE can correctly obtain common E RGCH configuration parameter information of common E RGCH receiving adjacent cells that belong to the second RNC currently thus avoiding incorrect monitoring.



No. of Pages : 43 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1113/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR COMMON ATTRIBUTES IN HESSID AND THE ASSOCIATED QUERIES

(51) International classification :H04W48/16
(31) Priority Document No :61/723269
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/086636
Filing Date :06/11/2013
(87) International Publication No :WO 2014/071845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHEN Bin
2)CALCEV George
3)AHMED Hanan
4)HUANG Kaidi

(57) Abstract :
Mobile stations can query independent basic service set (BSS) parameters of a group of Access Points (APs) by setting a Pre Association Message Exchange BSSID Independent (PAME BI) bit during Wi Fi discovery. The PAME BI bit may be included in a Generic Advertisement Service (GAS) request to indicate that an Access Network Query Protocol (ANQP) request carried by the GAS request is querying both independent and dependent BSS parameters. In some embodiments the PAME BI bit is included as a field in the ANQP query rather than the GAS request message.

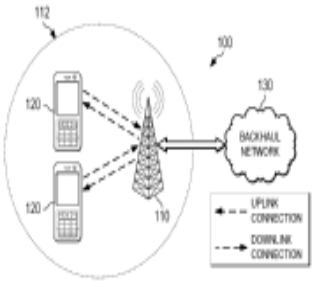

FIG. 1

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015
(21) Application No.1114/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK INDEPENDENT LOCATION SERVICES

(51) International classification :H04L29/08, H04W4/02
(31) Priority Document No :60/894,282
(32) Priority Date :12/03/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/056736
Filing Date :12/03/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1590/MUMNP/2009
Filed on :25/08/2009

(71)**Name of Applicant :**
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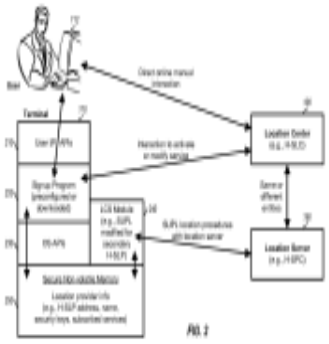
Address of Applicant :5775 Morehouse Drive, San Diego, California 92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)EDGE, Stephen W.

(57) Abstract :
Techniques for supporting network independent location services (LCS) are described. In one design, a location center may communicate with a terminal to establish an account for the terminal with the location center for location services. The location center may establish the account for the terminal independent of a home network or a serving network for the terminal. During signup to establish the account, the location center may (i) provide address information for the location center, security information, and/or other information for the location center and (ii) receive public identity information and/or other information for the terminal. The location center may thereafter provide location services to the terminal based on the established account and without interacting with the home or serving network for the terminal. Techniques for supporting delivery of assistance data are also described.



No. of Pages : 55 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015
(21) Application No.1060/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SILICON CONTAINING ZWITTERIONIC LINEAR COPOLYMER COMPOSITION

(51) International classification :C07F7/18,A61Q5/00,A61Q19/00
(31) Priority Document No :13/673094
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066121
Filing Date :22/10/2013
(87) International Publication No :WO 2014/074299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOMENTIVE PERFORMANCE MATERIALS INC.
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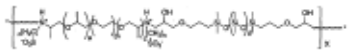
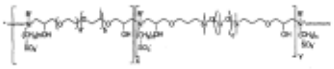
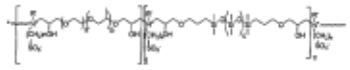
(72)**Name of Inventor :**
1)PHUKAN Monjit
2)SAXENA Anubhav
3)KODAGAHALLI Ravikumar
4)LEATHERMAN Mark D.

(57) Abstract :
+ A silicon containing copolymer which includes zwitterionic linking groups with the general structures N(Y)(Z) or N(Z) and repeating groups which can be divalent silicone moieties divalent hydrocarbons or divalent polyethers. The copolymer can be used in personal care products fertilizers and other agricultural products pesticides antifouling agents and various waterborne coating formulations. Representative are discrete embodiments such as the following copolymers: where: a+c is greater than 1 a is greater than or equal to 0 b is greater than or equal to 0 n is 3 to 6 d is 0 to about 500 and X is greater than 1. or compolymers of the following structure: where: a is 0 to about 100 b is 0 to about 100 c is 0 to about 500 X is greater than or equal to zero and Y is greater than equal to zero such that X+Y is greater than one or copolymers of the following general structure: where: a is 0 to about 100 b is 0 to about 100 c is 0 to about 500 X is greater than or equal to zero and Y is greater than zero







No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015

(21) Application No.1062/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHECK VALVE

(51) International classification :F16K15/06
(31) Priority Document No :2012143695
(32) Priority Date :12/10/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2013/000852
Filing Date :27/09/2013
(87) International Publication No :WO 2014/058350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YAZYKOV Andrey Yurievich

(57) Abstract :
Check valve comprises made integrally body and seat with inlet channel stem guides arranged in body as well as stem with plate gate installed coaxially with seat in guides arranged with possibility of axial movement and interaction with seat during action of flow from the side of outlet channel. The output channel is designed as a coaxial with channel pipe made preferably integrally with pump suction main line. Guide bushings are designed with possibility of placement in the recess of one of them of one end of pipe on which concentrically and coaxially with guides the collet clamp and nut are put made with tapered boring crimping collet clamp and with threaded hole mated with thread cut on body. Improvement of reliability and durability is ensured as well as simplification of valve assembling/disassembling for which it is sufficient to unscrew the thread of body with nut coupling.

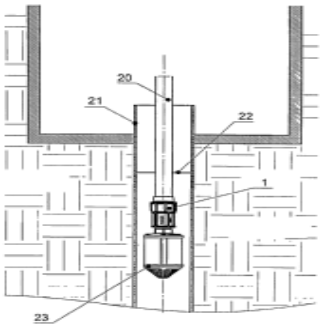

Fig.1

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1124/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MANUFACTURING SEPARATOR FOR LITHIUM SECONDARY BATTERY SEPARATOR MANUFACTURED BY METHOD AND LITHIUM SECONDARY BATTERY COMPRISING SAME

(51) International classification	:H01M2/14,H01M2/16,H01M10/052
(31) Priority Document No	:1020130116745
(32) Priority Date	:30/09/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/009212 :30/09/2014
(87) International Publication No	:WO 2015/047034
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)JIN Sun Mi
3)HAN Da Kyung
4)KIM Ji Eun
5)KA Kyung Ryun

(57) Abstract :
The present invention relates to a method for manufacturing a separator for a lithium secondary battery a separator manufactured by the method and a lithium secondary battery comprising the same the method comprising: a charging step (S1) for charging polymer particles and forming the charged polymer particles; a laminating step (S2) for laminating the charged polymer particles on at least one side of a porous polymer substrate and forming an electrode adhesive layer in such a manner that relative to the entire surface area of the porous polymer substrate the formation surface area of the electrode adhesive layer is 1 to 30% thereof; and a fixing step (S3) for fixing the electrode adhesive layer by means of heat and pressure. According to the present invention the method for manufacturing a separator for a lithium secondary battery introducing an electrode adhesive layer by using static electricity not by slurry coating comprising a solvent does not require a solvent due to polymer particles being applied in a laser printing technique thereby generating a cost saving effect due to there being no burden for handling and storage and does not require a step for drying the solvent thereby being capable of rapidly manufacturing a separator for a lithium secondary battery. Furthermore it is possible to prevent the resistance increase of a lithium secondary battery by coating only a certain surface area not the entire surface area of the electrode adhesive layer.

No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015

(21) Application No.1065/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CERAMIC STRUCTURES

(51) International classification :C04B35/185,C04B38/00,C04B35/478
(31) Priority Document No :12290332.1
(32) Priority Date :05/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055485
Filing Date :15/03/2013
(87) International Publication No :WO 2014/053251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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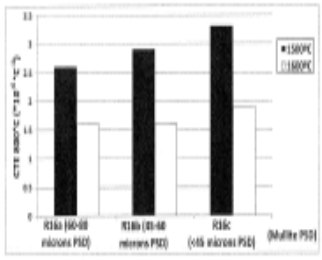
2)GARCIA P‰REZ Pascual
3)GIRAUD Jean Paul

(57) Abstract :
A ceramic composition optionally in the form of a honeycomb structure ceramic precursor compositions suitable for sintering to form said ceramic composition a method for preparing said ceramic composition and ceramic honeycomb structure a diesel particulate filter comprising said ceramic honeycomb structure and a vehicle comprising said diesel particulate filter.

FIG. 1



No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015
(21) Application No.1066/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR DIFFERENTIATING SUBSCRIBER

(51) International classification :H04W8/08
(31) Priority Document No :201210427847.9
(32) Priority Date :31/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/080625
Filing Date :01/08/2013
(87) International Publication No :WO 2014/067304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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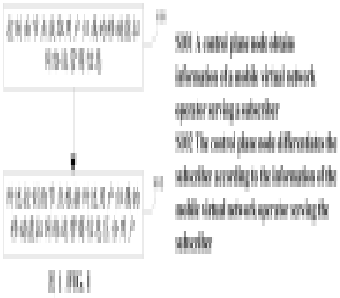
2)ZHOU Weihua
3)GUO Yali

(57) Abstract :
Provided are a method and a system for differentiating a subscriber. The present invention relates to the field of communications. The method comprises: a control plane node obtaining information of a mobile virtual network operator serving a subscriber; and the control plane node differentiating the subscriber according to the information of the mobile virtual network operator serving the subscriber. In the embodiments of the present invention by obtaining information of a mobile virtual network operator serving the subscriber the subscriber and a real subscriber served by a network can be differentiated according to the information of the mobile virtual network operator serving the subscriber; in this manner when the network is busy a real subscriber served by the network and a wholesale subscriber can be differentiated according configuration information of subscriber devices thereby implementing differentiated control and processing on the two types of subscribers.



No. of Pages : 40 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015
(21) Application No.1067/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION TRANSMISSION METHOD USER EQUIPMENT AND BASE STATION

(51) International classification :H04W72/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084020
Filing Date :02/11/2012
(87) International Publication No :WO 2014/067140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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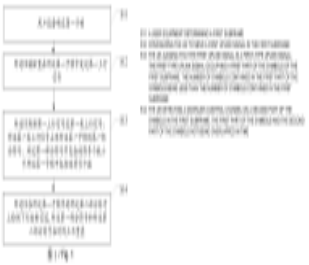
(72)**Name of Inventor :**
1)LI Bo
2)GUAN Lei
3)FAN Xiaoan

(57) Abstract :
Provided is an information transmission method comprising: a user equipment determining a first subframe; configuring the UE to send a first uplink signal in the first subframe; the UE judging that the first uplink signal is a first type uplink signal; the first type uplink signal occupying a first part of the symbols of the first subframe the number of symbols contained in the first part of the symbols being less than the number of symbols contained in the first subframe; the UE detecting a downlink control channel on a second part of the symbols in the first subframe the first part of the symbols and the second part of the symbols not being overlapped in time; and if the UE is configured to send the first uplink signal on the first part of the symbols in the first subframe the UE detecting a physical downlink control channel on the second part of the symbols in the first subframe the first part of the symbols and the second part of the symbols not being overlapped in time.



No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1128/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CRYSTAL FORM OF CHIDAMIDE PREPARATION METHOD AND USE THEREOF

(51) International classification :C07D213/56,C07D213/54,C07D213/24
(31) Priority Document No :201210489178.8
(32) Priority Date :27/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/086841
Filing Date :18/12/2012
(87) International Publication No :WO 2014/082354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LU Xianping
2)LI Zhibin

(57) Abstract :
The present invention belongs to the field of pharmaceutical chemistry and disclosed are two crystal forms of Chidamide that is Chidamide crystal form A and Chidamide crystal form B and the method for preparing the new crystal forms of Chidamide. The Chidamide crystal form A and Chidamide crystal form B of the present invention can be used for preparing drugs for treating diseases related to cell differentiation and proliferation.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1000/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR USE OF NETWORK SERVICES IN RECEIVING CONTENT AND DATA

(51) International classification :H04L29/06
(31) Priority Document No :61/730797
(32) Priority Date :28/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072401
Filing Date :27/11/2013
(87) International Publication No :WO 2014/085703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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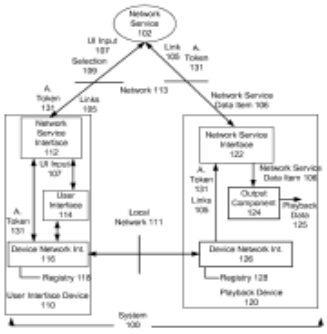
(72)**Name of Inventor :**
1)LE NERRIEC Yohan
2)BING Jehan Gerard
3)GUION Alexandre
4)MENTER Judah,John
5)TAI Daniel D.

(57) Abstract :
A first device implements an application platform that is shared with a second device. The application platform can be implemented so that the first device and the second device operate to have a same identity to at least the network service. The first device provides a user interface in order to receive input for accessing or using the network service. Additionally the first device communicates input received in response to providing the user interface to the network service. The first device can receive a token from the network service in response to communicating the input. Additionally the first device can communicate a set of data items to the second device. The set of data items includes the token and one or more identifiers that enable the second device to access and use the network service while appearing as the first device to the network service.



No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1070/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR HANDLING FINGERS WITH LARGE DELAY SPREAD THROUGH UTILITY OPTIMIZATION

(51) International classification :H04B1/7117
(31) Priority Document No :61/734317
(32) Priority Date :06/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068058
Filing Date :01/11/2013
(87) International Publication No :WO 2014/088734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CUI Tao
2)ZHANG Wei
3)XIE Guang

(57) Abstract :
Techniques for handling fingers with large delay spread through utility optimization are described. A first signal may be received through a finger of a plurality of fingers in a receiver at a time that is later than a reference time after a reference signal is received by a reference finger of the plurality of fingers. The reference signal may be included in an on time group corresponding to a cell. The first signal may be included in a late group corresponding to a virtual cell. The first signal and the reference signal may be compared to one another. Based on the comparing it may be determined whether to wait for additional signals in the late group or process the signals in the on time group.

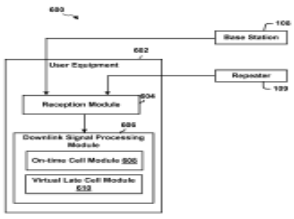

FIG. 6

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1071/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONNECTIVITY DIAGNOSTICS IN COMMUNICATION SYSTEMS

(51) International classification :H04L12/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/059391
Filing Date :09/10/2012
(87) International Publication No :WO 2014/058415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :333 Twin Dolphin Drive Redwood City CA 94065 U.S.A.
(72)**Name of Inventor :**
1)BALAKRISHNAN Manikanden
2)BHAGAVATULA Ramya
3)GARCIA Carlos
4)RHEE Wonjong

(57) Abstract :
Described is a method and system for connectivity diagnostics in communication systems. The method comprises: querying a first communication device at a first time and a second time to determine whether a second communication device is connected to the first communication device and to determine a value of an operational parameter at the first and second times; and determining the second communication device disconnected from the first communication device based on detecting the second communication device was connected to the first communication device at both the first time and the second time and detecting the value of the operational parameter at the second time is inside a range of threshold values. In one embodiment the method comprises determining a link is unstable for connectivity based on connection duration number and/or pattern of connection and/or disconnection events and/or traffic activity during connection and/or disconnection events.

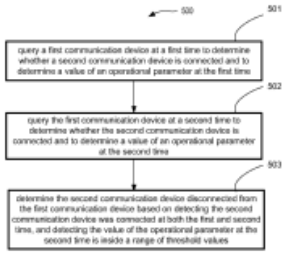

FIG. 5

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015
(21) Application No.1137/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OBTAINING A GEO FENCE WITHOUT A NETWORK DOWNLOAD

(51) International classification :H04W4/02,H04L29/08
(31) Priority Document No :13/672273
(32) Priority Date :08/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068909
Filing Date :07/11/2013
(87) International Publication No :WO 2014/074692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)FINLOW BATES Keir
2)VEIKKO TANELI VISKARI Joonas

(57) Abstract :
The disclosure is directed to providing and obtaining a geo fence without a network download. An embodiment generates geo fence parameters and encodes the geo fence parameters on a portable storage media wherein the geo fence parameters are transferred to a location enabled mobile device when the location enabled mobile device scans the portable storage media. An embodiment scans by a location enabled mobile device a portable storage media wherein the portable storage media stores geo fence parameters and wherein scanning the portable storage media transfers the geo fence parameters to the location enabled mobile device. An embodiment includes a non transitory portable storage media comprising geo fence parameters including a perimeter of a geo fence and one or more alert conditions associated with the perimeter of the geo fence wherein scanning the portable storage media transfers the geo fence parameters to a location enabled mobile device.

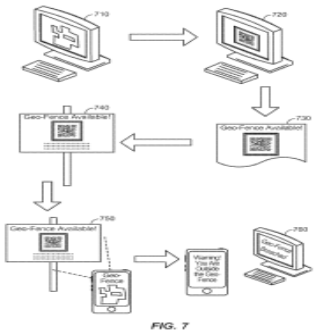

FIG. 7

No. of Pages : 43 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1002/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVEMENTS RELATING TO ENCAPSULATED BENEFIT AGENTS

(51) International classification :C11D3/37,C11D17/00
(31) Priority Document No :PCT/CN2012/084834
(32) Priority Date :19/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/073073
Filing Date :05/11/2013
(87) International Publication No :WO 2014/075956
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)JONES Craig Warren
2)LI Changxi
3)PAN Xiaoyun
4)ZHANG Yuanyuan

(57) Abstract :
The invention provides improved deposition and reduced leakage benefits from a particle comprising: (a) a core comprising a benefit agent; (b) a shell wherein the shell comprises a crosslinked hydrophobically modified polyvinyl alcohol which comprises acrosslinking agent comprising i) a first dextran aldehyde having a molecular weight of from 2 000 to 50 000 Da; and ii) a second dextran aldehyde having a molecular weight of from greater than 50 000 to 2 000 000 Da.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1003/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LAUNDRY COMPOSITIONS

(51) International classification :C11D1/83,C11D1/94,C11D3/37
(31) Priority Document No :12193353.5
(32) Priority Date :20/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070525
Filing Date :02/10/2013
(87) International Publication No :WO 2014/079620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)CROSSMAN Martin Charles

(57) Abstract :
The present invention relates to a laundry detergent composition comprising (a) nonionic surfactant;(b) anionic surfactant; and (c) a betaine functionalised silicone.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1004/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LAUNDRY COMPOSITIONS

(51) International classification :C11D1/00,C11D3/00,C11D3/37
(31) Priority Document No :12193352.7
(32) Priority Date :20/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070526
Filing Date :02/10/2013
(87) International Publication No :WO 2014/079621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
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1)BARNES, Andrew Anthony Howard
2)BURNHAM, Neil Stephen
3)CROSSMAN, Martin Charles.
4)DAWSON, Belinda Fay
5)GILFOYLE, Paula Rose Bernadette
6)JONES, Jane Catherine
7)KAWABATA, Atsuko

(57) Abstract :
The invention is directed to laundry compositions containing (a) surfactant (b) a cationic polysaccharide polymer and (c) a fabric softening silicone wherein the weight ratio of silicone to cationic polysaccharide polymer is from 4.5:1 to 1.5:1.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1072/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLOBENZODIAZEPINE ANTI HER2 ANTIBODY CONJUGATES

(51) International classification :A61K47/48,A61P35/00,C07K16/30
(31) Priority Document No :61/712924
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/071343
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057115
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADC THERAPEUTICS SARL
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2)MEDIMMUNE LIMITED
(72)**Name of Inventor :**
1)VAN BERKEL Patricius Hendrikus Cornelis
2)HOWARD Philip Wilson

(57) Abstract :
Conjugates of an antibody that binds to HER2 with PBD dimers.

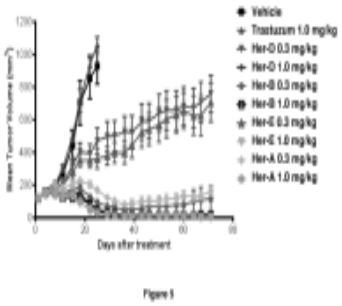

Figure 1

No. of Pages : 210 No. of Claims : 116

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1073/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE TERMINAL AND METHOD FOR CONTROLLING THEREOF

(51) International classification :H04B1/40,G06F9/44
(31) Priority Document No :1020130106865
(32) Priority Date :05/09/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/008383
Filing Date :05/09/2014
(87) International Publication No :WO 2015/034312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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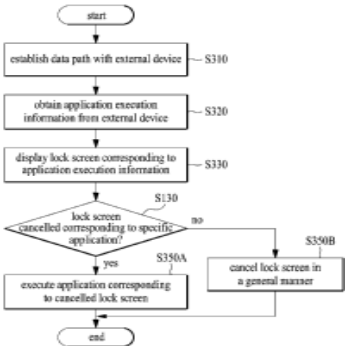
(72)**Name of Inventor :**
1)LEE Hyunjung
2)KIM Kiwan
3)KIM Samsick
4)SONG Younghoon

(57) Abstract :
The present invention relates to a mobile terminal and a method of controlling therefor and more particularly to a mobile terminal capable of seamlessly performing a same function in a manner of being synchronized with an external device and a method of controlling therefor. A method of controlling the mobile terminal according to one embodiment of the present invention can include the steps of establishing a data path with an external device receiving application execution information of the external device from the external device displaying a lock screen corresponding to the application execution information on a touch screen and if the lock screen is cancelled corresponding to a first application among the application execution information executing the first application.



No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015
(21) Application No.1142/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FRAME OF A DRAINAGE CHANNEL

(51) International classification :E03F3/04,E01C11/22,E03F5/06
(31) Priority Document No :10 2012 111 960.0
(32) Priority Date :07/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/075446
Filing Date :04/12/2013
(87) International Publication No :WO 2014/086808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ACO SEVERIN AHLMANN GMBH & CO KOMMANDITGESELLSCHAFT
Address of Applicant :Am Ahlmannkai 24782 B¼delsdorf Germany
(72)**Name of Inventor :**
1)MEINCKE Arne
2)MIEZE Jan
3)SIEBER Michael

(57) Abstract :
Frames for drainage channels or manholes are known on which a cover of a channel or of a manhole can be placed. The frame has a horizontal bearing face (10) extending in a longitudinal direction of the drainage channel or of the manhole and substantially perpendicular to this bearing face a frame border (11) on the inner face (12) of which the cover can be placed and on the outer face (13) of which a surface covering can be applied. To increase the strength it is proposed that the bearing face (10) and/or the inner face (12) and/or the outer face (13) is/are provided with beads (20 22 23) over the entire length of the frame (1).

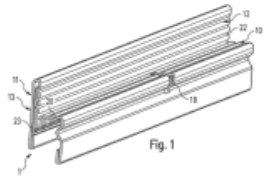


Fig. 1

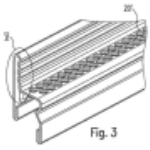


Fig. 3

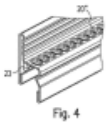


Fig. 4

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1079/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUSES AND METHODS FOR DYNAMIC ENABLEMENT OF WIRELESS COMMUNICATION DEVICE FUNCTIONALITIES

(51) International classification :H04W4/00
(31) Priority Document No :13/692107
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071736
Filing Date :25/11/2013
(87) International Publication No :WO 2014/088870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZAWAIDEH Fahed I.
2)BHARADWAJ Murali B.

(57) Abstract :
An apparatus operable in a communication system is described. The apparatus includes means for determining a set of wireless communication device functionalities. The apparatus determines the set of wireless communication device functionalities using a functionality table based on a network identifier. The apparatus also includes means for enabling the set of wireless communication device functionalities.

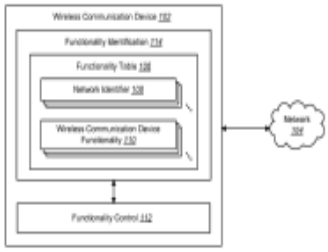

FIG. 1

No. of Pages : 52 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015
(21) Application No.1145/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR TREATING FLY ASH AND A ROTARY MILL THEREFOR

(51) International classification :C04B20/02
(31) Priority Document No :13/647838
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062543
Filing Date :30/09/2013
(87) International Publication No :WO 2014/058637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PIKE, CLINTON WESLEY
(72)**Name of Inventor :**
1)PIKE Clinton Wesley

(57) Abstract :
A process for treating fly ash to activate the fly ash so that it may be used as a substitute for Portland cement with the process including the use of a specialized rotary mill having variably sized and shaped media to increase the surface area of one fly ash component by grinding avoiding milling a second fly ash component while roughing up the surface of the second component to increase its surface area.

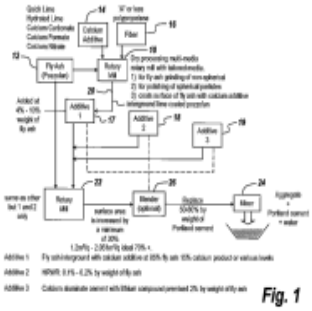

Fig. 1

No. of Pages : 26 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015
(21) Application No.1146/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING SEARCH SPACE OF CONTROL CHANNEL

(51) International classification :H04W48/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/083938
Filing Date :01/11/2012
(87) International Publication No :WO 2014/067124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)TANG Zhenfei

(57) Abstract :
Provided is a method for determining a search space of a control channel. The method comprises: determining a serial number of an enhanced physical downlink control channel (EPDCCH) set used for transmitting an EPDCCH; in accordance with the serial number of the EPDCCH set determining a location offset of a search space corresponding to the EPDCCH set; and in accordance with the location offset of the search space corresponding to the EPDCCH set determining the search space corresponding to the EPDCCH set. Also provided is a device for determining a search space of a control channel. By numbering time frequency resources of EPDCCHs in groups and determining different location offsets for different EPDCCH search spaces in accordance with the serial numbers and different cell identifiers and UE identifiers the probability of collision of search spaces of control channels can be reduced thereby being able to maximally use the time frequency resources of the control channel in the case of multiple users and improve the communication efficiency.

No. of Pages : 57 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1147/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN INHIBITING AGENT FOR INHIBITION OF ANGIOGENESIS, A METHOD FOR PREPARING THE AGNET, A METHOD FOR MODIFYING THE AGENT AND ITS USE FOR MANUFACTURING A MEDICAMENT FOR TREATING TUMOR

(51) International classification :A61K38/08, C07K14/435
(31) Priority Document No :200710024565.3
(32) Priority Date :20/06/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/000346
Filing Date :13/02/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :124/MUMNP/2010
Filed on :20/01/2010

(71)**Name of Applicant :**
1)XU, Hanmei
Address of Applicant :No.24 Tongjiaxiang Zhongyang Road, The Center of Biological Technology of China Pharmaceutical University, Nanjing Jiangsu 21009, P. R. China China
(72)**Name of Inventor :**
1)XU, Hanmei

(57) Abstract :
The present invention relates to a highly efficient antiangiogenesis agent, which is a polypeptide for inhibition of angiogenesis Ile-Val-Arg-Arg-Ala-Asp-Arg-Ala-Ala-Val-Pro, connected with a polypeptide containing Arg-Gly-Asp on its one end or two ends. The inhibiting agent can be synthesized or gene engineered. The invention also relates to a physiochemical method for modifying the antiangiogenesis agent. Polypeptides with weight percentage of 1-70% preferably about 20-50% are mixed with 20%-95% colominic acid; preferably about 50-93% of the above modified substances are fully mixed even and shaken at a shaker at 4ºC-40 ºC, preferably 25 ºC -37 ºC for more than 10 min, and the modified substances are separated through appropriate methods. The invention still relates to the use of the above polypeptides and the polypeptide modified substances for manufacturing medicaments for treating human solid tumors.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1025/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW PROCESS

(51) International classification	:C07C229/10,C07C231/10,C07C231/18
(31) Priority Document No	:1219627.5
(32) Priority Date	:01/11/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2013/052874 :01/11/2013
(87) International Publication No	:WO 2014/068333
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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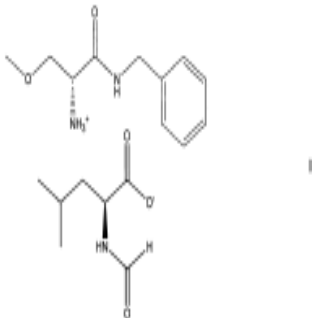
2)CAMBREX PROFARMACO MILANO
(72)**Name of Inventor :**
1)RADAELLI, Stefano
2)ZURLO, Giuseppe
3)EKLUND, Lars
4)EEK, Margus
5)MAASALU, Ants
6)SCHMIDT, Malle

(57) Abstract :
There is provided a process for the preparation of Lacosamide in a particular polymorphic form which process involves the isolation of a salt of formula I : according to the methods defined in the application.



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No. of Pages : 54 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1098/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED CIRCUIT DEVICE AND METHOD FOR MAKING SAME

(51) International classification :H01L27/10,H01L23/525,G11C17/16
(31) Priority Document No :13/684087
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071350
Filing Date :21/11/2013
(87) International Publication No :WO 2014/081984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 U.S.A.
(72)**Name of Inventor :**
1)WANG Zhongze

(57) Abstract :
One feature pertains to an integrated circuit (IC) that includes a metal gate terminal that has a gate metal that is either p type or n type. The IC further includes a first semiconductor region having either a p type doping or an n type doping such that if the gate metal is p type then the first semiconductor region has the n type doping and if the gate metal is n type then the first semiconductor region has the p type doping. A gate dielectric is interposed between the metal gate terminal and the first semiconductor region. The gate dielectric has a gate breakdown voltage VBDGSD that is reduced in proportion to a built in electric field EBIGSD associated with a boundary region between the metal gate terminal and the first semiconductor region if a polarity of a programming voltage VPP is oriented parallel to the built in electric field EBIGSD.

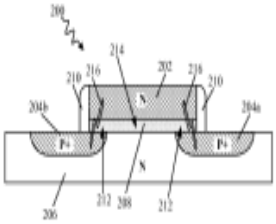

FIG. 2

No. of Pages : 55 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1099/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMISSION OF UPLINK CONTROL CHANNELS TO MULTIPLE NODES

(51) International classification :H04L5/00
(31) Priority Document No :61/725368
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069608
Filing Date :12/11/2013
(87) International Publication No :WO 2014/075043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DAMNJANOVIC Jelena
2)WEI Yongbin
3)GAAL Peter

(57) Abstract :
Uplink control channel management is disclosed in which a user equipment UE receives a configuration for multiple uplink control channels for transmission to multiple nodes (Node A Node B) in multiflow communication with the UE. The UE generates the uplink control channels (PUCCHl PUCCH2) based on the configuration wherein each of the uplink control channels is generated for a corresponding one of the nodes. The UE then transmits each of the uplink control channels (PUCCHl PUCCH2) to the corresponding node (Node A Node B). For UEs capable of multiple uplink transmissions in which the UE communicates with at least one of the nodes over multiple component carriers the configuration may designate the component carrier for the transmission of the uplink control channel for that node. For UEs capable of only single uplink transmissions the configuration may designate the transmission of the uplink control channels in either frequency division multiplex FDM or time division multiplex TDM schemes.

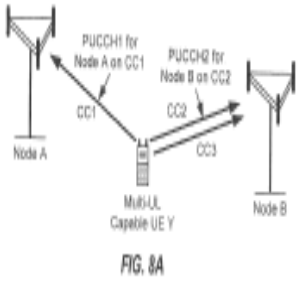

FIG. 8A

No. of Pages : 57 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1159/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ULTRAVIOLET LIGHT EMITTING DEVICE

(51) International classification :H01L33/56,C08F16/24
(31) Priority Document No :2013095243
(32) Priority Date :30/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/060888
Filing Date :17/04/2014
(87) International Publication No :WO 2014/178288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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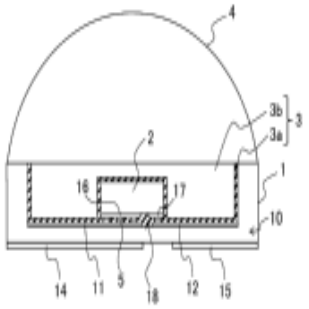
(72)**Name of Inventor :**
1)YAMADA Kiho
2)NAGAI Shoko
3)FURUSAWA Yuta
4)HIRANO Akira
5)IPPOMMATSU Masamichi
6)AOSAKI Ko
7)MORISHIMA Naoki

(57) Abstract :
Provided is an ultraviolet light emitting device that has high quality and high reliability and that prevents deterioration of electrical characteristics that is caused by a sealing resin and that results from ultraviolet light emission operation. The ultraviolet light emitting device is provided with an ultraviolet light emitting element (2) that comprises a nitride semiconductor and an ultraviolet light transmissive sealing resin (3) that covers the ultraviolet light emitting element (2). A specific part (3a) within the sealing resin (3) that at least comes into contact with pad electrodes (16 17) of the ultraviolet light emitting element (2) is a first type of amorphous fluorine resin and the terminal functional group of the polymer or copolymer that constitutes the first type of amorphous fluorine resin is a non reactive terminal functional group that does not bond with the metal that constitutes the pad electrodes (16 17).



No. of Pages : 56 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1086/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORIENTED SILICON STEEL AND METHOD FOR MANUFACTURING SAME

(51) International classification :C22C38/02,C21D8/12
(31) Priority Document No :201210485329.2
(32) Priority Date :26/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/001684
Filing Date :11/12/2012
(87) International Publication No :WO 2014/078977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LIU Xiandong
3)LI Guobao
4)YANG Yongjie
5)HU Zhuochao
6)HEI Hongxu
7)ZHANG Jun
8)SU Dejun
9)SUN Huande
10)WU Meihong

(57) Abstract :
Disclosed is an oriented silicon steel with an excellent magnetic property and a method for manufacturing same. The present invention obtains the oriented silicon steel with an excellent magnetic property by controlling the area ratio of the small crystal grains of D < 5 mm in a silicon steel finished product to be not greater than 3% and controlling the ratio μ17/μ15 of the magnetic conductivity under magnetic flux density of 1.7 T and 1.5 T in the oriented silicon steel finished product to be above 0.50. In addition by using a slab of the oriented silicon steel with suitable components and an optimized cold rolling step the present invention effectively decreases the heating temperature of the slab and the production costs thereof and simultaneously better controls the size and ratio of the crystal grains in the oriented silicon steel finished product and the magnetic conductivity in a certain range of magnetic flux density ensures a secondary recrystallization having a good Gauss texture orientation and finally steadily obtains the oriented silicon steel product with an excellent magnetic property.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1087/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 3 (4 SUBSTITUTED) BENZYL ETHER DERIVATIVES OF PREGNENOLONE

(51) International classification :C07J7/00,C07J41/00,A61K31/57
(31) Priority Document No :12194704.8
(32) Priority Date :28/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074886
Filing Date :27/11/2013
(87) International Publication No :WO 2014/083068
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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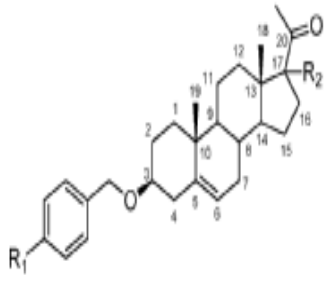
(72)**Name of Inventor :**
1)PIAZZA Pier Vincenzo
2)VALLEE Monique
3)FELPIN Fran§ois Xavier
4)REVEST Jean Michel
5)FABRE Sandy

(57) Abstract :
233The invention relates to a compound of Formula (I) or a pharmaceutically acceptable salt thereof: wherein R1 is C1 8 alkyl C1 8 alkoxy CN NO amino COOH COOCH OH N or halogen and R2 is H OH Cl 8 alkyl Cl 8 alkoxy C2 C6 alkenyl halogen Bn O Bn optionally substituted or Ph optionally substituted.



Formula I

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1157/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF A SEALED AND THERMALLY INSULATED TANK WALL

(51) International classification :B63B25/16,F17C3/02,B63B3/02
(31) Priority Document No :1260942
(32) Priority Date :16/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052737
Filing Date :14/11/2013
(87) International Publication No :WO 2014/076424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :1 Route de Versailles F 78470 Saint Remy les Chevreuse France
(72)**Name of Inventor :**
1)JEAN Pierre
2)GUELTON Bruno

(57) Abstract :
Method for manufacturing a sealed and thermally insulated tank wall comprising the steps of: anchoring a thermally insulating barrier subassembly (16) on a bearing wall (1); placing a sealed covering to cover said insulating barrier subassembly the placement of the sealed covering involving a step of positioning a sealing barrier element (15) on the insulating barrier subassembly (16) and covering said insulating barrier subassembly (16) the sealing barrier element (15) being parallel to the bearing wall and a step of placing lateral partitioning elements (20 19 17) around the insulating barrier subassembly (16) sealingly connecting the sealing barrier element (15) to the bearing wall (1) so as to form a closed volume (32) between the sealing barrier element and the bearing wall (1); checking the fluid tightness of said closed volume (32).

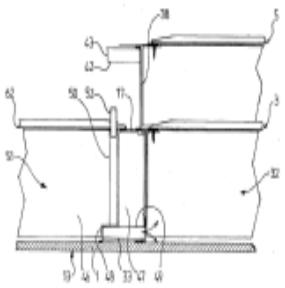

FIG.8

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1158/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MACHINE FOR MAKING FILTER BAGS FOR INFUSION PRODUCTS.

(51) International classification	:B65B29/02,B65D85/808,B29C69/02
(31) Priority Document No	:BO2012A000706
(32) Priority Date	:21/12/2012
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IB2013/061133 :19/12/2013
(87) International Publication No	:WO 2014/097206
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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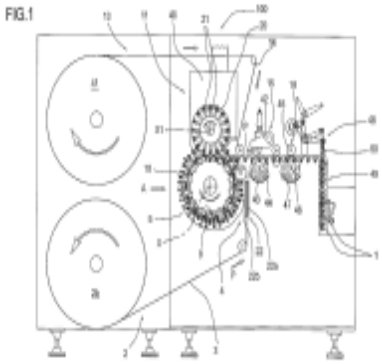
(72)**Name of Inventor :**
1)RIVOLA Sauro

(57) Abstract :
A machine (100) for making filter bags (1) for infusion products comprises: a station (2) for feeding a first continuous strip (3) of thermoformable filter material; a station (4) for heating the first continuous strip (3); a continuously rotating drum (5) provided with a series of dies (9) and a corresponding series of punches (10) configured for plastically deforming a portion of the first strip (3) and making a three dimensional chamber (C) to contain a dose (12) of infusion product; a station (11) for dosing doses (12) of the infusion product; a feed station (13) for feeding a second strip (14) of filter material; a joining station (15) for joining the first strip (3) to the second strip (14) to close the three dimensional chamber (C); and a cutting station for making single filter bags (1).



No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015
(21) Application No.1016/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENHANCED SRS TRANSMISSION FOR MIMO OPERATION IN LTE A

(51) International classification :H04L5/00,H04B7/04,H04B7/06
(31) Priority Document No :61/718119
(32) Priority Date :24/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027655
Filing Date :25/02/2013
(87) International Publication No :WO 2014/065850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN, Wanshi
2)GAAL, Peter
3)XU, Hao
4)WEI, Yongbin
5)GEIRHOFER, Stefan

(57) Abstract :
Enhanced sounding reference signal (SRS) transmissions for multiple input multiple output (MIMO) operation are disclosed in which a user equipment (UE) detects an observed interference level for each receiver chain of the UE. In response to an imbalance the UE precodes a SRS targeting downlink operation to indicate the imbalance. The UE then transmits the precoded SRS. In alternative aspects the precoded SRS vector may be determined by an evolved nodeB (eNB). In such aspects the eNB determines the precoded SRS vector targeting downlink operations for the served UEs wherein the determined precoded SRS vector includes determining the precoded SRS vector on a per UE basis enabling the precoded SRS vector for either one or both of frequency division duplex (FDD) systems and time division duplex (TDD) systems or enabling the precoded SRS vector for aperiodic SRS only. The eNB then transmits the determined precoded SRS vector to the UE.

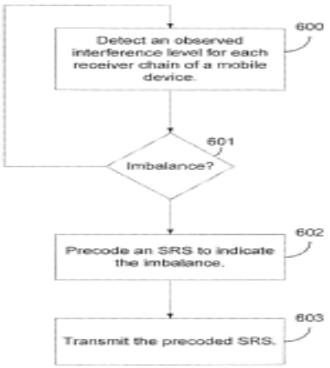


FIG. 6

No. of Pages : 57 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1088/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SEAMLESS HANDOVER OPERATION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W16/26,H04W36/30
(31) Priority Document No :1020120114180
(32) Priority Date :15/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009153
Filing Date :14/10/2013
(87) International Publication No :WO 2014/061951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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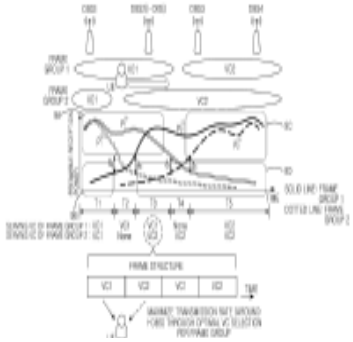
2)KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
(72)**Name of Inventor :**
1)KANG Hyun Jeong
2)KWON Tae Soo
3)Lee Ju Yong
4)Yim Han Young
5)KIM Tae Young

(57) Abstract :
A method and apparatus for improving a mobile problem caused by a narrow handover region in a boundary region between virtual cells constructed by a plurality of small base stations are provided. A plurality of Virtual Cells (VCs) include a plurality of Distributed Base Stations (DBSs) whose VCs cooperatively communicate with each other. An Intermediate Distributed Base Station (I DBS) is located in a region where adjacent at least two VCs among the plurality of VCs are superimposed and belongs to a different VC according to a time division scheme.



No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1089/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A POROUS SILICA MATERIAL FOR USE AS A PHARMACEUTICAL OR DIETARY ACTIVE INGREDIENT

(51) International classification :A61K33/00,A61P3/06,A61P3/04
(31) Priority Document No :61/723019
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/073200
Filing Date :06/11/2013
(87) International Publication No :WO 2014/072363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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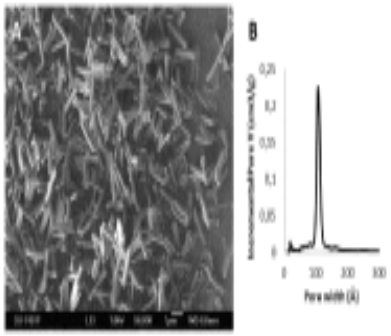
2)BENGTSSON Tore
3)KUPFERSCHMIDT Natalia
4)GARCIA BENNETT Alfonso E

(57) Abstract :
A porous silica material for use as a pharmaceutical or dietary active ingredient having pores in the mesoscale range (2 50 nm) wherein the average pore size of the pores in the mesoscale range is in the range of 2 to 25 nm and the pore size distribution (PSD) in the mesoscale range is such that at least 80% of the pores fall within the range of 2 to 25 nm.

Figure 1



No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1156/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRESS FORMING METHOD

(51) International classification :B21D19/08,B21D22/26
(31) Priority Document No :2012274398
(32) Priority Date :17/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079132
Filing Date :28/10/2013
(87) International Publication No :WO 2014/097745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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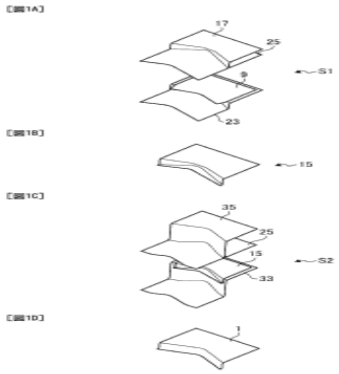
(72)**Name of Inventor :**
1)URABE Masaki

(57) Abstract :
This press forming method carries out press forming to form a formed component (1) having a top portion (5) that has a recessed shaped outer edge (3) wherein part of the outer edge is recessed inward and a flange part (7) formed by bending along the recessed shaped outer edge (3) in the top portion (5). The press forming method includes: a first forming step (S1) that forms at a site in which the flange part (7) is to be formed in blank material (9) a preformed shape component (15) that includes a vertical wall portion (11) that becomes part of the flange part (7) and a protruding part (13) that is bent outward from the vertical wall portion (11) and protrudes to the top portion (5) side; and a second forming step (S2) that forms the flange part (7) by bending a site that includes the protruding part (13) of the preformed shape component (15) formed in the first forming step (S1) along a bending line forming a boundary with the vertical wall portion (11).



No. of Pages : 41 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1078/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO, AND METHOD AND APPARATUS FOR DECODING VIDEO

(51) International classification :H04N21/434, H04N21/236
(31) Priority Document No :10-2009-0075855
(32) Priority Date :17/08/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005437
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :528/MUMNP/2012
Filed on :02/03/2012

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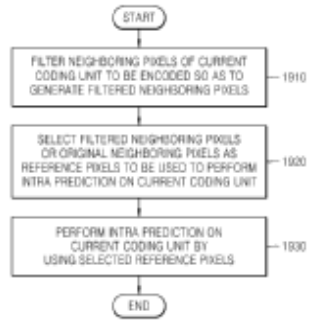
(72)**Name of Inventor :**
1)MIN, Jung-Hye
2)HAN, Woo-Jin
3)KIM, Il-Koo

(57) Abstract :
Disclosed are a method and a apparatus for encoding a video, and a method and apparatus for decoding a video, in which neighboring pixels used to perform intra prediction on a current block to be encoded are filtered and intra prediction is performed by using the filtered neighboring pixels. [Fig. 21]

[Fig. 21]



No. of Pages : 52 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1151/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD OF CONNECTING DEVICES VIA WI FI NETWORK

(51) International classification	:H04W92/18,H04W12/06,H04W88/02
(31) Priority Document No	:1020120123095
(32) Priority Date	:01/11/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/009579 :25/10/2013
(87) International Publication No	:WO 2014/069844
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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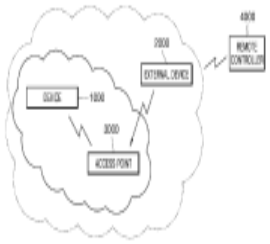
(72)**Name of Inventor :**
1)JEON Hee chul
2)KIM Jung ho
3)PARK Yong gook
4)LEE Woo hyoung
5)CHA Sang ok
6)JEON, HEE-CHUL

(57) Abstract :
A system and a method of connecting devices via a Wireless Fidelity (Wi Fi) network are provided. The method of communication connecting an external device to an Access Point (AP) via a Wi Fi network is performed by a device and includes operations of receiving device information of the external device from the external device that operates in an AP mode accessing the external device that operates in the AP mode by using the device information and providing connection information relating to the AP to the external device and wherein when the connection information is provided to the external device the external device terminates operating in the AP mode and the external device then accesses the AP based on the connection information.



No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1152/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS APPARATUSES AND COMPUTER READABLE MEDIUM FOR TRIGGERING A GESTURE RECOGNITION MODE AND DEVICE PAIRING AND SHARING VIA NON TOUCH GESTURES

(51) International classification	:H04L29/08,H04W4/00,H04W4/20
(31) Priority Document No	:61/730438
(32) Priority Date	:27/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/071812 :26/11/2013
(87) International Publication No	:WO 2014/085369
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)TON Phuong L.
3)ARELLANO Suzana
4)HILDRETH Evan R.
5)BERNARTE Joel
6)PERRY Guy
7)TAYLOR Kirk S.

(57) Abstract :
Embodiments of the present disclosure relate to multi device pairing and sharing via non touch gestures. In an embodiment a method comprises detecting by a parent device an initiating non touch gesture performed by a user towards the parent device. The method also comprises initiating an action based on the detecting. The method further comprises triggering by the parent device a gesture recognition mode on one or more secondary devices based on the detecting. And the method further comprises completing the action upon a positive gesture recognition by the one or more secondary devices.

No. of Pages : 51 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1153/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MANAGING A CONTEXT MODEL IN A MOBILE DEVICE BY ASSIGNING CONTEXT LABELS FOR DATA CLUSTERS

(51) International classification	:H04M1/725,G05B13/00,G06F15/18
(31) Priority Document No	:61/721919
(32) Priority Date	:02/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/058669 :09/09/2013
(87) International Publication No	:WO 2014/070304
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GROKOP Leonard Henry
2)SADASIVAM Shankar

(57) Abstract :
Systems and methods for applying and using context labels for data clusters are provided herein. A method described herein for managing a context model associated with a mobile device includes obtaining first data points associated with a first data stream assigned to one or more first data sources; assigning ones of the first data points to respective clusters of a set of clusters such that each cluster is respectively assigned ones of the first data points that exhibit a threshold amount of similarity and are associated with times within a threshold amount of time of each other; compiling statistical features and inferences corresponding to the first data stream or one or more other data streams assigned to respective other data sources; assigning context labels to each of the set of clusters based on the statistical features and inferences.

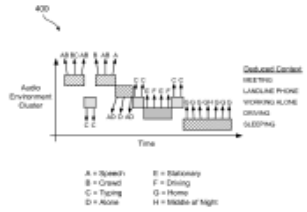

FIG. 4

No. of Pages : 60 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1030/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISTRIBUTION MACHINE WITH A DEVICE FOR REMOTELY SUPPLYING AT LEAST ONE AUXILIARY TANK COMPRISING AN AIR EXHAUST DEVICE

(51) International classification :A01C7/08
(31) Priority Document No :1262297
(32) Priority Date :19/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053118
Filing Date :17/12/2013
(87) International Publication No :WO 2014/096671
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AUDIGIE,Jean Charles
2)EBERHART Julien
3)SUPPER Nicolas

(57) Abstract :
The present invention pertains to a distribution machine (1) with a supply device (2) for the self regulated pneumatic supply of product contained in a main tank (3) to at least one auxiliary tank (4) depending on its filling level via a respective sealed conduit (6). Each auxiliary tank (4) comprises an air exhaust device (7) and a distribution housing (9) for distributing the product comprising a supply chamber (10) and a rotating dosing element (11). The distribution machine (1) is noteworthy in that said air exhaust device (7) is configured to extend substantially beneath the overflow point (18) of said supply chamber (10).

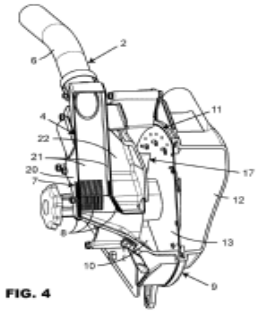

FIG. 4

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1162/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROGRAM RECOMMENDATION DEVICE AND PROGRAM RECOMMENDATION PROGRAM

(51) International classification :H04N21/4722
(31) Priority Document No :2012233463
(32) Priority Date :23/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/KR2013/009481
Filing Date :23/10/2013
(87) International Publication No :WO 2014/065590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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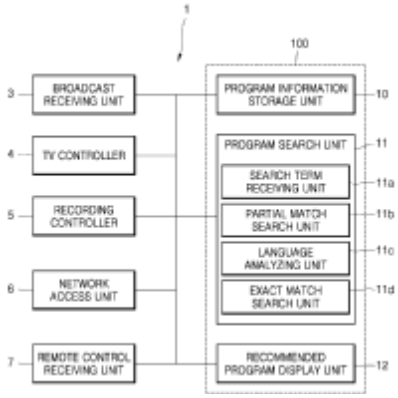
1)MASHIMO Noriya

(57) Abstract :
The program recommendation device includes a search term receiver that receives at least one search term designated by a user a partial match searcher that searches an electronic program list for programs having program information with words and phrases partially matching the search term designated by the user and outputs a partial match search result set a language analyzer that performs a language analyzing process on the program information of each of the programs contained in the partial match search result set and outputs an analyzed search result set an exact match searcher that searches the analyzed program information contained in the analyzed search result set for programs with words and phrases exactly matching the search term designated by the user and outputs an exact match search result set. A recommended program display displays programs contained in the exact match search result set as recommended programs.



No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1163/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF POLYMERIZING OLEFINS IN SLURRY REACTORS

(51) International classification :C08F10/02,C08F2/00,C08F2/14
(31) Priority Document No :12195987.8
(32) Priority Date :07/12/2012
(33) Name of priority country :EPO
(86) International Application No:PCT/EP2013/074920
Filing Date :28/11/2013
(87) International Publication No :WO 2014/086648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ALASTALO Kauno
4)LESKINEN Pauli
5)NYFORS Klaus

(57) Abstract :
A process for polymerizing ethylene in at least two cascaded slurry polymerization steps is disclosed. The process comprises polymerizing ethylene in the presence of a polymerization catalyst hydrogen and optionally one or more alpha olefin comonomers in a diluent in a first polymerization reactor to produce a first slurry comprising a first ethylene polymer and fluid phase comprising said diluent; withdrawing a first stream of said slurry from said first polymerization reactor; directing said slurry stream into a second polymerization reactor; polymerizing ethylene in the presence of the first ethylene polymer the polymerization catalyst hydrogen and optionally one or more alpha olefin comonomers in a diluent in a second polymerization reactor to produce a second slurry comprising an ethylene polymer mixture and a fluid phase comprising said diluent; withdrawing from said second polymerization reactor a second slurry stream having a solids concentration which is higher than the average solids concentration of the second slurry within the second polymerization reactor; withdrawing from said second polymerization reactor a third slurry stream having a solids concentration which is lower than the average solids concentration of the second slurry within the second polymerization reactor; and directing at least a part of said second slurry stream into one of said first and second polymerization reactor. The process reaches the target operation conditions and recovers from disturbances quickly with reduced production of off spec material.

No. of Pages : 16 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1093/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MANUFACTURING SUBSTANCE CONTAINING NOBILETIN AND TANGERETIN DERIVED FROM CITRUS FRUITS AND NOBILETIN AND TANGERETIN CONTAINING SUBSTANCE OBTAINED THEREBY

(51) International classification	:A61K36/00, C07D311/30,
(31) Priority Document No	:2012227173
(32) Priority Date	:12/10/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/071664
Filing Date	:09/08/2013
(87) International Publication No	:WO 2014/057727
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TERUYA Yuto
3)SUGIYAMA Saki
4)WOO Je Tae

(57) Abstract :
Provided is a method of manufacturing a fraction containing nobiletin and tangeretin at high concentrations, which method is excellent in terms of safety, economic efficiency, and the potential for industrialization. This is achieved by a method of manufacturing a composition containing nobiletin and tangeretin, comprising (1-1) a step of treating citrus fruit with hot water, to obtain a hot water-treated product; (1-2) a step of drying the hot water-treated product, to obtain a dried product; (1-3) a step of treating the dried product with a solvent capable of dissolving nobiletin and tangeretin, to obtain a nobiletin and tangeretin solution; (3) a step of concentrating and/or drying the nobiletin and tangeretin solution, to obtain a nobiletin and tangeretin concentrate; and (4) a step of treating the nobiletin and tangeretin concentrate with a dilute alkali, to obtain a composition containing nobiletin and tangeretin as an insoluble component, and by a substance containing nobiletin and tangeretin at high concentrations produced by the method.

No. of Pages : 65 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015
(21) Application No.1164/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEPARATION MEMBRANE FOR REDOX FLOW SECONDARY BATTERIES AND REDOX FLOW SECONDARY BATTERY USING SAME

(51) International classification :H01M8/18,H01M8/02
(31) Priority Document No :2012249748
(32) Priority Date :13/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080609
Filing Date :12/11/2013
(87) International Publication No :WO 2014/077257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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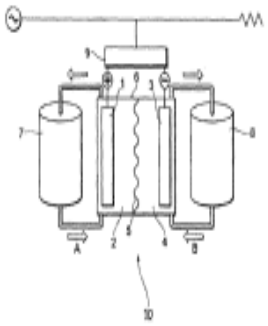
(72)**Name of Inventor :**
1)MIYAZAWA Hiroshi
2)TAKAHASHI Tomoaki
3)TAKEDA Hisashi

(57) Abstract :
This redox flow secondary battery is provided with an electrolytic cell that comprises a positive electrode cell chamber a negative electrode cell chamber and a separation membrane that separates the positive electrode cell chamber and the negative electrode cell chamber from each other. In addition the redox flow secondary battery is configured as follows: the separation membrane has a microporous membrane and an ion exchange resin layer that is in contact with the microporous membrane; the air resistance of the separation membrane per a thickness of 200 μm is 10 000 seconds/100 cc or more; the microporous membrane contains a polyolefin resin or a vinylidene fluoride resin and an inorganic filler; and at least a surface of the microporous membrane said surface being in contact with the ion exchange resin layer has a smoothness of 16 000 seconds or less.



No. of Pages : 114 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1165/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A MOBILE ELECTRONIC DEVICE COMPRISING AN ULTRATHIN SAPPHIRE COVER PLATE

(51) International classification :G06F1/16
(31) Priority Document No :61/726227
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070079
Filing Date :14/11/2013
(87) International Publication No :WO 2014/078524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZAHLER James M.
2)PETTI Christopher J.

(57) Abstract :
An electronic device comprising a cover plate is disclosed. The cover plate comprises one or more sapphire layers having a thickness of less than 50 microns. Also disclosed are methods for preparing these ultrathin sapphire layers using an ion implantation/exfoliation method.

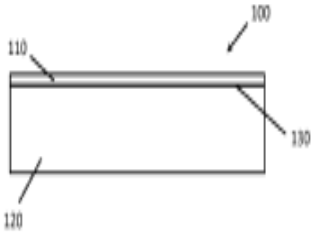

FIG 1

No. of Pages : 19 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1166/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY ALLOCATING MEMORY IN A MEMORY SUBSYSTEM HAVING ASYMMETRIC MEMORY COMPONENTS

(51) International classification :G06F13/16,G06F12/06
(31) Priority Document No :61/735352
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068226
Filing Date :04/11/2013
(87) International Publication No :WO 2014/092884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)STEWART Richard A.
2)CHUN Dexter T.

(57) Abstract :
Systems and methods are provided for dynamically allocating a memory subsystem. An exemplary embodiment comprises a method for dynamically allocating a memory subsystem in a portable computing device. The method involves fully interleaving a first portion of a memory subsystem having memory components with asymmetric memory capacities. A second remaining portion of the memory subsystem is partial interleaved according to an interleave bandwidth ratio. The first portion of the memory subsystem is allocated to one or more high performance memory clients. The second remaining portion is allocated to one or more relatively lower performance memory clients.

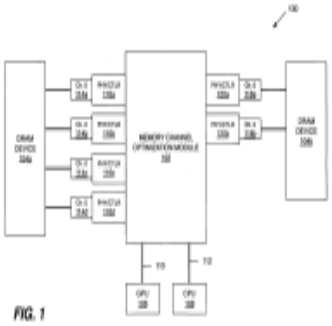

FIG. 1

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015

(21) Application No.1050/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FEED NETWORK AND ELECTROMAGNETIC RADIATION SOURCE

(51) International classification :H01Q3/30,H01Q13/28,H01Q21/00
(31) Priority Document No :61/738836
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/075812
Filing Date :17/12/2013
(87) International Publication No :WO 2014/100008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)OXBRIDGE PULSAR SOURCES LIMITED
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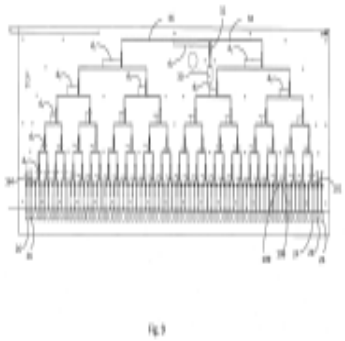
2)SINGLETON, JOHN
3)LINEHAN, KEVIN, E.
4)ARDAVAN, HOUSHANG
5)SCHMIDT-ZWIEFEL, ANDREA, CAROLINE

(57) Abstract :
An antenna may include a volume polarization current radiator and a feed network. The volume polarization current radiator includes a dielectric solid (such as a dielectric strip) and a plurality of closely spaced excitation elements (24) each excitation element (24) being configured to induce a volume polarization current distribution in the dielectric solid proximate to the excitation element when a voltage is applied to the excitation element. The feed network is coupled to the volume polarization current radiator. The feed network also includes a plurality of passive power divider elements (32) and a plurality of passive delay elements (d1 d6) coupling the first port (30) and the plurality of second ports (108 109 164) the plurality of power divider elements (32) and the plurality of phase delay elements (d1 d6) being configured such that a radio frequency signal that is applied to the first port (30) experiences a progressive change of phase as it is coupled to the plurality of second ports (108 109 164) so as to cause the volume polarization current distribution to propagate along the dielectric solid.



No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1118/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHEAR SPRING USEFUL FOR VEHICLE SUSPENSION

(51) International classification :B60G11/24,B60G5/02,B60G7/04
(31) Priority Document No :13/950873
(32) Priority Date :25/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/036366
Filing Date :01/05/2014
(87) International Publication No :WO 2015/012930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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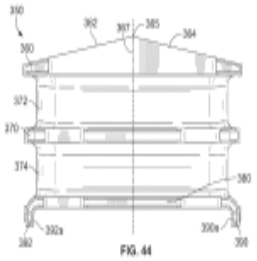
(72)**Name of Inventor :**
1)NOBLE Shawn D.
2)VAN METER Matthew J.
3)KALTREIDER Monica J.
4)KERENDIAN Hormoz
5)DUDDING Ashley T.

(57) Abstract :
A shear spring (350) having a base plate (380) having a flat upper surface and an upper plate (360) having a V shaped upper surface opposite the base plate (380) adapted to mate with a corresponding V shaped surface positioned on a side wall of a spring mount the upper plate (360) having a flat lower surface parallel to the flat upper surface of the base (380) and an elastomeric material (372 374) positioned between the flat upper surface of the base plate (380) and the flat lower surface of the upper plate (360).



No. of Pages : 122 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1119/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREDICTIVE SCHEDULING OF NAVIGATION TASKS

(51) International classification :G01C21/20
(31) Priority Document No :13/653263
(32) Priority Date :16/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059643
Filing Date :13/09/2013
(87) International Publication No :WO 2014/062319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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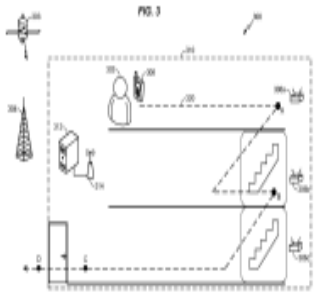
1)VENKATRAMAN Sai Pradeep
2)GARIN Lionel Jacques
3)ZHANG Gengsheng

(57) Abstract :
Disclosed are systems apparatus devices methods computer program products and other implementations including a method of controlling navigation tasks on a mobile device that includes obtaining data representative of a route of travel for the mobile device obtaining a list of navigation tasks associated with the route of travel for the mobile device and performing one or more navigation tasks in accordance with the list of navigation tasks based at least in part on proximity of the mobile device to one or more points on the route of travel. Performing the one or more navigation tasks includes one or more of for example obtaining satellite positioning assistance data in response to a determination that the mobile device is transitioning from an indoor area to an outdoor area and/or establishing a communication link with an access point.



No. of Pages : 54 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2015

(21) Application No.1188/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SYNCHRONIZATION FOR DEVICE TO DEVICE COMMUNICATION

(51) International classification :H04W56/00
(31) Priority Document No :1020120117781
(32) Priority Date :23/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009467
Filing Date :23/10/2013
(87) International Publication No :WO 2014/065582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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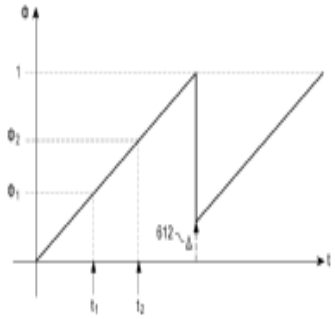
(72)**Name of Inventor :**
1)PARK Seung Hoon
2)KIM Kyung Kyu
3)KIM Dae Gyun
4)LIM Chi Woo

(57) Abstract :
A method and an apparatus for synchronization for a device to device communication are disclosed. The method includes: instantly adjusting a synchronization phase value according to a time point when a synchronization signal is received as soon as a device receives the synchronization signal from an adjacent device in an unconnected state; accumulatively storing at least one phase adjustment value according to a time point when at least one synchronization signal is received whenever the device receives the at least one synchronization signal from at least one adjacent device in a connected state; and adjusting the synchronization phase value according to the stored at least one phase adjustment value when the device transitions from the connected state to the unconnected state.



No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

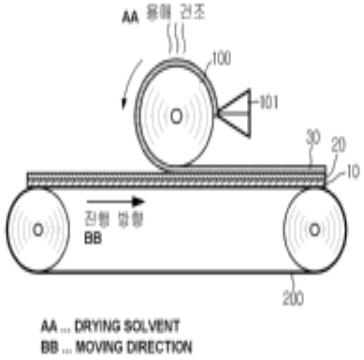
(21) Application No.1129/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRODE STRUCTURE INCLUDING INSULATION LAYER METHOD FOR MANUFACTURING SAME AND ELECTROCHEMICAL ELEMENT INCLUDING SAME

(51) International classification	:H01M4/139,H01M4/62,H01M10/052
(31) Priority Document No	:1020130052077
(32) Priority Date	:08/05/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/004110 :08/05/2014
(87) International Publication No	:WO 2014/182095
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LG CHEM LTD.
Address of Applicant :128 Yeoui daero Yeongdeungpo gu Seoul 150 721 Republic of Korea
(72)**Name of Inventor :**
1)YU In Gyoung
2)KIM Seok Koo
3)HONG Jang Hyuk
4)JIN Sun Mi
5)KIM Jong Hun

(57) Abstract :
The present invention provides a method for manufacturing an electrode structure with an insulation layer formed thereon which includes the steps of: (S1) drying a slurry for an electrode active material layer applied to an electrode collector placed on a heated base surface; (S2) drying a slurry consisting of inorganic particles a binder and a solvent for an insulation layer applied to a heated roll positioned above the base surface with a given space between them; and (S3) transferring the dried slurry for the insulation layer to the dried slurry for the electrode active material layer on the base surface so as to heat compress the dried slurry for the insulation layer and the dried slurry for the electrode active material layer. The method simplifies the process of forming an electrode providing a porous structure formed with the electrode active material integrally connected with the insulation layer so as to make the insulation layer more closely contact the electrode active material thus enhancing the structural stability.



No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1194/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR TREATING BALLAST WATER AND DEVICE FOR TREATING BALLAST WATER USED THEREFOR

(51) International classification :C02F1/46,B01D21/26,B63B13/00
(31) Priority Document No :2012236053
(32) Priority Date :25/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/006317
Filing Date :24/10/2013
(87) International Publication No :WO 2014/064942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO. LTD.
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(72)**Name of Inventor :**
1)YAMAMOTO Hiroshi
2)EDAGAWA Akiyoshi
3)SAKAKIBARA Takashi
4)OSAMURA Kazumi
5)NAGAOKA Hideki
6)KOTANAGI Takuya
7)FUNAKOSHI Hidenori

(57) Abstract :
Provided are a novel method and device for treating a liquid that are usable for treating ballast water used in a ship etc. The liquid treatment method comprises: in supplying a liquid containing aquatic organisms conducting an aquatic organism inactivating treatment and/or a mechanical treatment using a centrifugal force and storing the liquid in a storage means; and in discharging the stored liquid determining whether or not an aquatic organism inactivating treatment is required conducting the treatment on the basis of the determination result and conducting a mechanical treatment using a centrifugal force. Due to this constitution the liquid treatment method and device enable sufficient inactivation or separation of aquatic organisms that are contained in a liquid.

No. of Pages : 50 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1195/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR UPDATING A DEVICE CONFIGURATION

(51) International classification :H04M1/725,H04W88/06,H04W48/18
(31) Priority Document No :61/735827
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073834
Filing Date :09/12/2013
(87) International Publication No :WO 2014/093207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GENG Nieyan
2)CHHABRA Gurvinder Singh
3)KLINGENBRUNN Thomas
4)RAMACHANDRAN Shyamal
5)GRILLI Francesco
6)PATTANAYAK Uttam

(57) Abstract :
Methods and apparatus are provided for device configuration (e.g. feature segment loading and system selection). Certain aspects of the present disclosure generally relate to operating a user equipment (UE) in a first radio access network (RAN) with a first set of modem features that supports the first RAN detecting a second RAN not supported by the first set of modem features and rebooting the modem software to load a second set of modem features that supports the detected RAN. For certain aspects the first RAN may be a Time Division Synchronous Code Division Multiple Access (TD SCDMA) network and the second RAN may be a Wideband Code Division Multiple Access (W CDMA) network or Long Term Evolution (LTE) network. This allows features to be loaded into memory (e.g. only) when they are required to support a detected RAN rather than loading an entire image thereby conserving DRAM and increasing efficiency.

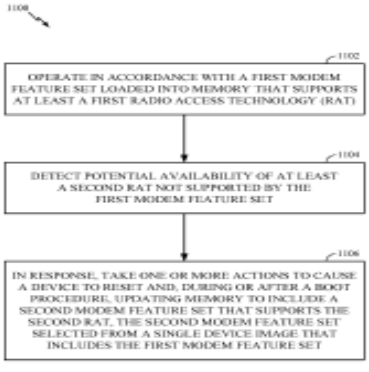

FIG. 11

No. of Pages : 40 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1115/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLOBENZODIAZEPINE ANTI CD22 ANTIBODY CONJUGATES

(51) International classification	:A61K47/48,A61P35/02,C07K16/28
(31) Priority Document No	:61/712924
(32) Priority Date	:12/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2013/071352 :11/10/2013
(87) International Publication No	:WO 2014/057122
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ADC THERAPEUTICS SARL
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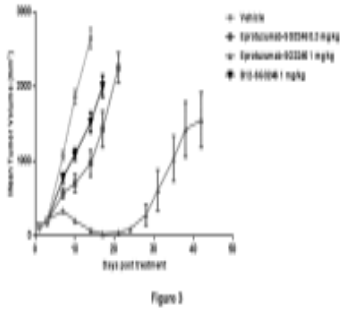
2)MEDIMMUNE LIMITED
(72)**Name of Inventor :**
1)VAN BERKEL Patricius Hendrikus Cornelis
2)HOWARD Philip Wilson

(57) Abstract :
Conjugates of an isolated humanized anti CD22 antibody with PBD dimers.



No. of Pages : 203 No. of Claims : 116

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015
(21) Application No.1116/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK INDEPENDENT LOCATION SERVICES

(51) International classification	:H04L29/06, H04L29/08
(31) Priority Document No	:60/894,282
(32) Priority Date	:12/03/2007
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2008/056736 :12/03/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1590/MUMNP/2009 :25/08/2009

(71)**Name of Applicant :**
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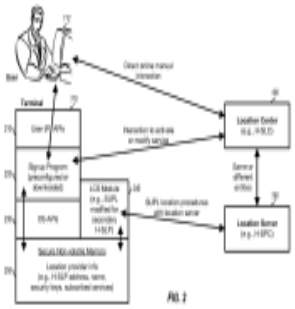
Address of Applicant :5775 Morehouse Drive, San Diego, California 92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)EDGE, Stephen W.

(57) Abstract :
Techniques for supporting network independent location services (LCS) are described. In one design, a location center may communicate with a terminal to establish an account for the terminal with the location center for location services. The location center may establish the account for the terminal independent of a home network or a serving network for the terminal. During signup to establish the account, the location center may (i) provide address information for the location center, security information, and/or other information for the location center and (ii) receive public identity information and/or other information for the terminal. The location center may thereafter provide location services to the terminal based on the established account and without interacting with the home or serving network for the terminal. Techniques for supporting delivery of assistance data are also described.



No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1117/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK INDEPENDENT LOCATION SERVICES

(51) International classification	:H04L29/06, H04L29/08
(31) Priority Document No	:60/894,282
(32) Priority Date	:12/03/2007
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2008/056736 :12/03/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1590/MUMNP/2009 :25/08/2009

(71)**Name of Applicant :**
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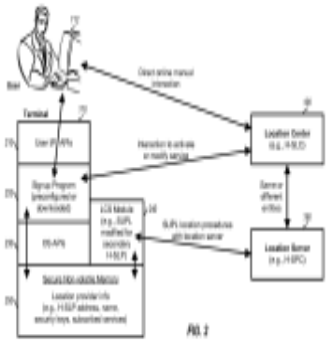
Address of Applicant :5775 Morehouse Drive, San Diego, California 92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)EDGE, Stephen W.

(57) Abstract :
Techniques for supporting network independent location services (LCS) are described. In one design, a location center may communicate with a terminal to establish an account for the terminal with the location center for location services. The location center may establish the account for the terminal independent of a home network or a serving network for the terminal. During signup to establish the account, the location center may (i) provide address information for the location center, security information, and/or other information for the location center and (ii) receive public identity information and/or other information for the terminal. The location center may thereafter provide location services to the terminal based on the established account and without interacting with the home or serving network for the terminal. Techniques for supporting delivery of assistance data are also described.



No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1197/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USING A PLURALITY OF SENSORS FOR MAPPING AND LOCALIZATION

(51) International classification :G06T7/00
(31) Priority Document No :61/721893
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061401
Filing Date :24/09/2013
(87) International Publication No :WO 2014/070334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)RAMACHANDRAN Mahesh
2)SWAMINATHAN Ashwin

(57) Abstract :
Systems and methods for performing localization and mapping with a mobile device are disclosed. In one embodiment a method for performing localization and mapping with a mobile device includes identifying geometric constraints associated with a current area at which the mobile device is located obtaining at least one image of the current area captured by at least a first camera of the mobile device obtaining data associated with the current area via at least one of a second camera of the mobile device or a sensor of the mobile device and performing localization and mapping for the current area by applying the geometric constraints and the data associated with the current area to the at least one image.

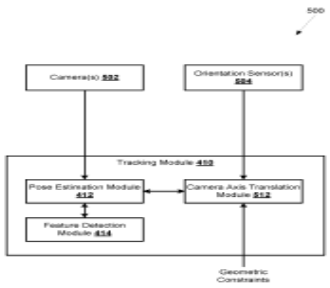

FIG. 5

No. of Pages : 43 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1198/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BMP 6 ANTIBODIES

(51) International classification :C07K16/22,A61P7/06,A61K39/395
(31) Priority Document No :61/737859
(32) Priority Date :17/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073239
Filing Date :05/12/2013
(87) International Publication No :WO 2014/099391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
(72)**Name of Inventor :**
1)TRUHLAR Stephanie Marie Eaton
2)SEO Neungseon

(57) Abstract :
The present invention relates to antibodies or antigen binding fragments thereof that bind to human BMP 6 compositions comprising such antibodies or antigen binding fragments thereof and methods of using the same for treatment of anemia of chronic disease.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015
(21) Application No.1063/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR TREATING POLYMERS

(51) International classification :C08J11/10
(31) Priority Document No :10 2012 220 498.9
(32) Priority Date :09/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/073430
Filing Date :08/11/2013
(87) International Publication No :WO 2014/072483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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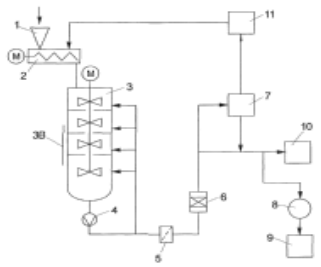
(72)**Name of Inventor :**
1)KARASIAK Wolf
2)KARASIAK Dirk

(57) Abstract :
The present invention relates to a continuous method for treatment in particular depolymerisation and/or dissolution of a polymer mixture particularly a polymer mixture that is inhomogeneous in terms of particle size and/or particle thickness forming a monomer liquid consisting substantially of a monomer comprising the steps a) introducing the inhomogeneous polymer mixture into at least one vertical or horizontal reactor (3) having at least one reactor inlet and at least one reactor outlet and/or b) mixing the inhomogeneous polymer mixture with at least one reactant or solvent; and c) introducing the inhomogeneous polymer mixture mixed with the reactant or solvent into at least one vertical or horizontal reactor (3) having at least one reactor inlet and at least one reactor outlet and d) continuous depolymerisation and/or dissolution of the inhomogeneous polymer mixture to form the monomer liquid in the at least one vertical or horizontal reactor (3) wherein the particle size and/or particle thickness of the inhomogeneous polymer mixture is reduced continuously along the length of the reactor (3) from the reactor inlet to the reactor outlet in particular by depolymerisation.

FIG 1



No. of Pages : 26 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015

(21) Application No.1064/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR ACCUMULATING AND TRANSFERRING

(51) International classification :B65G47/51
(31) Priority Document No :12 60926
(32) Priority Date :16/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052658
Filing Date :07/11/2013
(87) International Publication No :WO 2014/076390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PETROVIC Zmaj

(57) Abstract :
The invention relates to a device (2) for accumulating and transferring objects including: a feed conveyor (6) a discharge conveyor (8) an accumulation surface (27) a first transfer means (18) for moving at least one batch of objects from the feed conveyor to the accumulation surface a second transfer means (7) for moving at least one batch of objects from the accumulation surface to the output conveyor. At least one of the first and second transfer means includes a robotic handling device (18) provided with a handling head (17) for at least one batch of objects. The accumulation surface (27) is a conveyor (7) which forms the second transfer means and the direction of which is inclined and preferably perpendicular to the direction of conveyance of the input conveyor (6).

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1130/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01N25/00,A01N37/42,A01N37/50
(31) Priority Document No	:12193741.1
(32) Priority Date	:22/11/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/073912 :15/11/2013
(87) International Publication No	:WO 2014/079773
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :100 Park Avenue Florham Park NJ 07932 U.S.A.
(72)**Name of Inventor :**
1)BRAHM Lutz
2)LIEBMANN Burghard
3)WILHELM Ronald
4)GEWEHR Markus

(57) Abstract :
The present invention relates to pesticidal mixtures comprising one biological compound and at least one fungicidal insecticidal or plant growth regulating compound and respective agricultural uses thereof as defined herein.

No. of Pages : 92 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1200/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING AMBIENT TEMPERAURE FROM A PORTABLE COMPUTING DEVICE

(51) International classification :G06F1/20,G06F1/32
(31) Priority Document No :13/707921
(32) Priority Date :07/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066513
Filing Date :24/10/2013
(87) International Publication No :WO 2014/088719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAIN Ankur
2)DOSHI Paras S.
3)VADAKKANMARUVEEDU Unnikrishnan
4)MITTER Vinay

(57) Abstract :
Various embodiments of methods and systems for estimating environmental ambient temperature of a portable computing device (PCD) from temperature measurements taken within the PCD are disclosed. In an exemplary embodiment it may be recognized that the PCD is in an idle state thus producing little or no thermal energy. Temperature measurements are then taken from temperature sensors within the PCD and used to estimate the environmental ambient temperature to which the PCD is exposed. Certain embodiments may simply render the estimated ambient temperature for the benefit of the user or use the estimated ambient temperature as an input to a program or application running on the PCD. It is envisioned that certain embodiments of the systems and methods may use the estimated ambient temperature to adjust temperature thresholds in the PCD against which thermal management policies govern thermally aggressive processing components.

No. of Pages : 40 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015

(21) Application No.1005/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INGREDIENT FOR USE IN A LAUNDRY COMPOSITION

(51) International classification :C11D1/83,C11D1/94,C11D3/37
(31) Priority Document No :12193351.9
(32) Priority Date :20/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070527
Filing Date :02/10/2013
(87) International Publication No :WO 2014/079622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BARNES Andrew Anthony Howard
2)BURNHAM Neil Stephen
3)CROSSMAN Martin Charles

(57) Abstract :
The present invention relates to a laundry detergent composition comprising (a) nonionic surfactant; (b) anionic surfactant; and (c) a betaine functionalised silicone.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2015
(21) Application No.1006/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FABRIC TREATMENT COMPOSITION

(51) International classification :C11D3/22,C11D3/37,C11D3/00
(31) Priority Document No :12193593.6
(32) Priority Date :21/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072601
Filing Date :29/10/2013
(87) International Publication No :WO 2014/079662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BARNE, Sameer Keshav
2)DAS, Somnath
3)PANCHANATHAN, Anandh
4)PRAMANIK, Amitava
5)SINHA, Archana

(57) Abstract :
The present invention is in the field of fabric treatment compositions. It particularly relates to a booster composition a wash composition and a fabric conditioning composition; and methods for treatment of a substrate for imparting repellence of soils; in particular oily soils. Although the prior art provides for compositions providing improved removal of aqueous soils and stains the removal of oily soils and stains remains to be desired. It is an object of the present invention to provide a composition that can be used in a main wash detergent product as well as a fabric conditioning product providing a next time cleaning benefit for oily stains and soils under acidic neutral and alkaline conditions. It is a further object of the invention that the composition does not affect the wettability of a fabric. It is found that a composition comprising methyl cellulose polyvinyl alcohol; and an acrylic polymer or co polymer provides easier next time cleaning on oily soils and stains.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015
(21) Application No.1076/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO, AND METHOD AND APPARATUS FOR DECODING VIDEO

(51) International classification :G06F 9/44
(31) Priority Document No :10-2009-0075855
(32) Priority Date :17/08/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005437
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :528/MUMNP/2012
Filed on :02/03/2012

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
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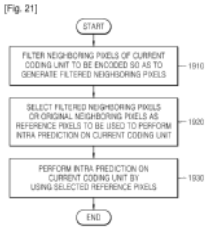
(72)**Name of Inventor :**
1)MIN, Jung-Hye
2)HAN, Woo-Jin
3)KIM, Il-Koo

(57) Abstract :
Disclosed are a method and a apparatus for encoding a video, and a method and apparatus for decoding a video, in which neighboring pixels used to perform intra prediction on a current block to be encoded are filtered and intra prediction is performed by using the filtered neighboring pixels.

[Fig. 21]



No. of Pages : 52 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1139/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS VARIABLE MEASUREMENT USING UNIVERSAL FLOW TECHNOLOGY CONNECTION PLATFORM

(51) International classification :G01F15/18,G01F1/32,G01F1/40
(31) Priority Document No :13/836263
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021600
Filing Date :07/03/2014
(87) International Publication No:WO 2014/149943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STROM Gregory Robert
2)DEEGAN Paul Timothy
3)DIPO AJAYI Oluwadamilola Peter
4)KEMPNER Alan

(57) Abstract :
An apparatus (102) for measuring flow of a process fluid includes an elongate spool (110) providing a spool conduit therethrough adapted to be coupled in line with process piping (104) to receive the flow of process fluid. A meter body (112) is carried by the elongate spool and receives the spool conduit therethrough. The meter body (112) includes a flow measurement component opening (144) which extends from the spool conduit to outside of the meter body (112). A flow component (170) is configured for placement in the flow measurement component opening (144) of the meter body (1 12). A carrier (150) is configured to removably mount to the meter body (112) and couple the flow measurement component (170) to the spool conduit through the flow measurement component opening (144). A flow measurement transmitter (116) couples to the flow measurement component (170) to measure the flow of process fluid based upon an interaction between the process fluid and the flow measurement component (170).

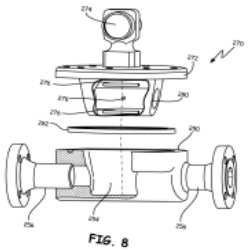


FIG. 8

No. of Pages : 33 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

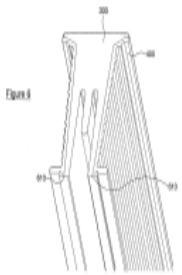
(21) Application No.1203/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A TOOTH FOR AN ELECTRIC MOTOR OR GENERATOR

(51) International classification :H02K3/30,H02K3/52
(31) Priority Document No :1218475.0
(32) Priority Date :15/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/059368
Filing Date :15/10/2013
(87) International Publication No :WO 2014/060947
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROTEAN ELECTRIC LIMITED
Address of Applicant :Protean Electric Limited Silvertree Unit 10b Coxbridge Business Park Alton Road Farnham Surrey GU10 5EH U.K.
(72)**Name of Inventor :**
1)Bell Jamie
2)Foulsham John
3)Roberts Gareth

(57) Abstract :
A stator or rotor for an electric motor or generator comprising a plurality of teeth for receiving coil windings wherein each tooth has an injection moulded plastic layer formed on a plurality of sides of each tooth with a first gap formed in the injection moulded plastic layer on a first side of each of the teeth with a first insulation element placed in the first gap formed in the injection moulded plastic layer wherein the injection moulded plastic layer and first insulation element are arranged to electrically insulate the plurality of teeth from the coil windings.



No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015
(21) Application No.1138/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TOUCHSCREEN RESPONSE METHOD AND TERMINAL

(51) International classification :G06F3/048
(31) Priority Document No :201210508671.X
(32) Priority Date :03/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/085164
Filing Date :14/10/2013
(87) International Publication No :WO 2014/086205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DONGGUAN GOLDEX COMMUNICATION TECHNOLOGY CO. LTD.
Address of Applicant :Hupan Industrial Park DaLingShan Town Dongguan Guangdong 523810 China
(72)**Name of Inventor :**
1)YE Zegang

(57) Abstract :
Embodiments of the present invention disclose a touchscreen response method and a terminal, the method includes: acquiring center point coordinates of a touch when a touchscreen receives a touch operation; adjusting the center point coordinates of the touch according to a mode of a terminal and a gradient of the touchscreen; and responding to the touch operation according to the adjusted center point coordinates. The method may enable a touchscreen response to the touch operation of a user to meet the actually intended use of the user, increase the accuracy of touch response, improve user touch experience, and enable the terminal to be more intelligent.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

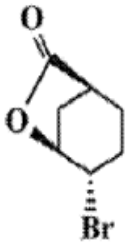
(21) Application No.1206/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING (1S 4S 5S) 4 BROMO 6 OXABICYCLO[3.2.1]OCTANE 7 ONE

(51) International classification :C07D493/08,A61K31/437,A61P7/02
(31) Priority Document No :2013072896
(32) Priority Date :29/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/059101
Filing Date :28/03/2014
(87) International Publication No :WO 2014/157612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIICHI SANKYO COMPANYLIMITED
Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan
(72)**Name of Inventor :**
1)TAKAYANAGI Yoshihiro
2)FURUYA Yukito
3)NAKAMURA Yoshitaka

(57) Abstract :
The present invention addresses the problem of providing a method for producing (1S 4S 5S) 4 bromo 6 oxabicyclo[3.2.1]octane 7 one (1) which is important as an intermediate compound for the production of a FXa inhibiting compound with high efficiency. A method for producing (1S 4S 5S) 4 bromo 6 oxabicyclo[3.2.1]octane 7 one (1) said method being characterized by treating a (R) a phenylethylamine salt of (S) 3 cyclohexene 1 carboxylic acid with 1 3 dibromo 5 5 dimethylhydantoin or N bromosuccinimide in a solvent.



(1)

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1207/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING THE RISK OF ROBBERY/THEFT OF BANKNOTES

(51) International classification	:G07D11/00,G06Q10/00,G06Q40/00
(31) Priority Document No	:12006961
(32) Priority Date	:15/11/2012
(33) Name of priority country	:Sweden
(86) International Application No Filing Date	:PCT/SE2013/000175 :15/11/2013
(87) International Publication No	:WO 2014/077754
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)CASHLOCK AB
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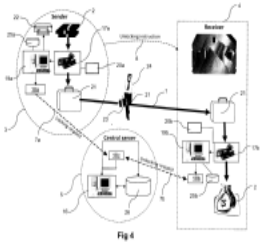
(72)**Name of Inventor :**
1)M…RL–V Joakim
2)JOHANSSON Dan
3)LIND Kjell
4)RYTTERHOLM Ulf

(57) Abstract :
1122111The invention refers to a method for reducing or eliminating the risk of robbery/theft for example during transportation of banknotes or storage of banknotes by scanning banknotes (2) prior to transport/storage and also scanning them at the reception and by verifying banknotes (2) when they are tried to be used for circulation including among other things reading devices/banknote scanners (17a c) for banknote identification. The invention is achieved by the following method steps: before/during a transport from or storage at the sender (3); registering/reading/imaging of a banknote (2) that is intended to be locked; determination the bank note (2) identity to a so called Banknote ID; registering/generation of auxiliary information (T) at the sender (3); generation of a locking/blocking request (9a) comprising at least one banknote identity and auxiliary information (T); transfer of this locking request (9a) to a central server (5) and/or a local memory (25a) whereby the banknote (2) is indicated as locked in the central server (5) after receiving the transport/storage at the receiver (4); registering/reading/imaging of a banknote (2) that is intended to be locked/relocked; determination the banknote (2) identity to a so called Banknote ID; registering/generation of auxiliary information (T2) at the receiver (4); generating a unlocking /relocking request (9b c) comprising at least one banknote (2) identity and auxiliary information (T); transfer of this unlocking /relocking request (9b c) to a central server (5) and/or to a local memory (25b); checking that the auxiliary information (T) from the receiver (4) fulfill the conditions (UV) set in the auxiliary information (T) from the sender (3) and/or the predetermined conditions (UV) stored in the central server (5) and if so the unlocking /relocking request (9b c) is performed in the central server (5) attempting to circulate a banknote (2) at a turnover spot where banknotes are handled/circulated (6); registering/reading/imaging the banknote (2) that is under way of circulation; determine the banknote (2) identity to a so called Banknote ID; requesting to a local memory unit (25c) and/or the central server (5) if the present banknote (2) is blocked or tradeable; shedding an indication alarm and/or activation of a blocking device (29a b) that prevents acceptance/circulation of the banknote (2) when the response to the request means that referenced banknote (2) is non tradeable. The invention also refers to a system for implementing the above mentioned method.



No. of Pages : 48 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2015

(21) Application No.1059/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SURGICAL LASER TOOL

(51) International classification :A61B18/24,A61B5/00,A61B17/00
(31) Priority Document No :61/724349
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068878
Filing Date :07/11/2013
(87) International Publication No :WO 2014/074678
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Hui
2)CHIA Wen jui Ray

(57) Abstract :
A surgical laser tool for performing a laser procedure at a treatment site is provided. The surgical laser tool includes a laser source a fiber catheter and an analytical device. The laser source is configured to generate laser energy. The fiber catheter is configured to (i) acquire optical feedback from the treatment site and (ii) deliver the laser energy to the treatment site. The analytical device is configured to analyze reflected light from the treatment site in order to allow a physician to perform a diagnosis on the treatment site.

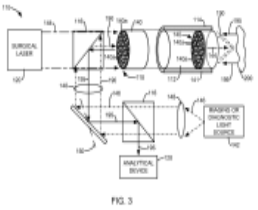

FIG. 3

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1134/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR TRANSMITTING ELECTRONIC KEY THEREOF

(51) International classification :H04W12/08,H04W12/04,H04W88/02
(31) Priority Document No :1020120117548
(32) Priority Date :22/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009402
Filing Date :22/10/2013
(87) International Publication No :WO 2014/065554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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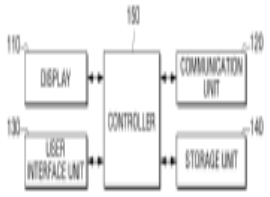
(72)**Name of Inventor :**
1)KIM Hyun young
2)JUNG Hee won

(57) Abstract :
A method for transmitting an electronic key of a device is provided. The method includes transmitting a user command for providing an electronic key to another device providing a User Interface (UI) for setting a use condition of the electronic key when the user command is received and transmitting the use condition information set through the UI to the other device together with the electronic key.



No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1135/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification :A01N43/50,A01N43/54,A01N43/56
(31) Priority Document No :12193723.9
(32) Priority Date :22/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074094
Filing Date :18/11/2013
(87) International Publication No :WO 2014/079814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :100 Park Avenue Florham Park 07932 Jersey U.S.A.
(72)**Name of Inventor :**
1)BRAHM Lutz
2)LIEBMANN Burghard
3)WILHELM Ronald
4)GEWEHR Markus

(57) Abstract :
The present invention relates to pesticidal mixtures comprising one biological compound and at least one fungicidal insecticidal or plant growth regulating compound as defined herein and respective agricultural uses thereof.

No. of Pages : 94 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1210/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A COMBINATION HEAT EXCHANGER AND BURNER

(51) International classification :F24H1/43,F22B1/18,F23N5/12
(31) Priority Document No :61/732970
(32) Priority Date :04/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073087
Filing Date :04/12/2013
(87) International Publication No :WO 2014/089191
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOFBAUER Peter

(57) Abstract :
It is common in heating systems such as in a hot water heater for there to be a combustor with the exhaust gases from the combustor provided to a heat exchanger to heat up the water. Disclosed herein is an integrated heat exchanger and burner assembly in which the combustion occurs proximate the surface of the heat exchanger. Such a system may include at least one tube that is coiled into a number of turns that is a tube coil with the at least one tube having an inlet and an outlet and the distance between adjacent turns is less than a predetermined distance i.e. a the quench distance.

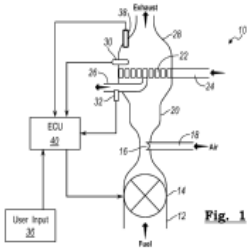

Fig. 1

No. of Pages : 14 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1211/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PARKING AND PROCESSING AIRCRAFT

(51) International classification :B64F1/00,E04H6/44,E04B1/346
(31) Priority Document No :2009881
(32) Priority Date :27/11/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050852
Filing Date :26/11/2013
(87) International Publication No:WO 2014/084728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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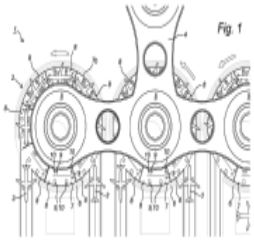
(72)**Name of Inventor :**
1)SOEDERHUIZEN Maarten
2)VAN STEKELENBURG Jonas
3)VAN DER LINDEN Johannes Petrus Cornelis Maria
4)VOETEN Johannes Maria
5)DEKKER Esther Marcella
6)RINGERSMA Pieter Hendrik
7)STALLAART Antonius
8)RAU Thomas Martin
9)KLAASSEN Ludovicus Adriaan Peter
10)GROOTENBOER Dennis Johannes Maurice
11)MANSHANDEN Gerardus Maria
12)DE RUIJTER Hendrikus Albertus Adrianus Maria
13)VAN ZIJL Petrus Marinus Hendrikus
14)HAGEN Wouterus Johannus

(57) Abstract :
The invention relates to an improved system for parking and processing aircraft in relatively efficient manner. The invention also relates to an improved method for parking and processing aircraft in relatively efficient manner particularly by making use of a system for parking and processing aircraft according to the invention.



No. of Pages : 32 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1212/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROTEIN SLURP 1 FOR USE IN THE TREATMENT OF OCULAR DISEASES

(51) International classification :A61K38/17,A61K9/00,A61K47/10
(31) Priority Document No :12196007.4
(32) Priority Date :07/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075981
Filing Date :09/12/2013
(87) International Publication No :WO 2014/087022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BRIGHTPULSE HOLDING LTD.
Address of Applicant :195 Arch Makarios III Ave Neocleous House Limassol 3030 Cyprus
(72)**Name of Inventor :**
1)COMBETTE Jean Marc
2)DELOCHE Catherine
3)ABADIE Claire
4)MOUZ Sebastien
5)PERINO Julien

(57) Abstract :
The present invention relates to a protein comprising SEQ ID NO:1 (mature form of SLURP 1) and to a composition comprising the same for use in inducing or accelerating cicatrisation and/or in preventing infection in the eye of a subject.

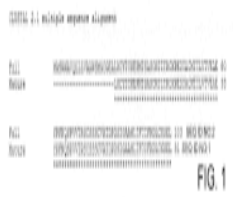


FIG.1

No. of Pages : 38 No. of Claims : 15

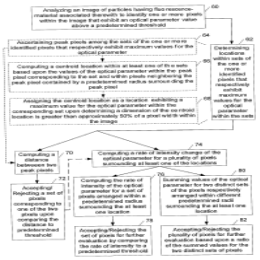
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2015
(21) Application No.1068/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR IMAGE DATA PROCESSING

(51) International classification :G06T7/00, G06K9/00
(31) Priority Document No :60/719,010 (US)
(32) Priority Date :21/09/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/036733
Filing Date :21/09/2006
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :359/MUMNP/2008
Filed on :26/02/2008

(71)**Name of Applicant :**
1)LUMINEX CORPORATION
Address of Applicant :12212 Technology Blvd. Austin, TX 78727 United States of America U.S.A.
(72)**Name of Inventor :**
1)ROTH, Wayne, D.

(57) Abstract :
Methods, storage mediums, and systems for image data processing are provided. Embodiments for the methods, storage mediums, and systems include configurations to perform one or more of the following steps: background signal measurement, particle identification using classification dye emission and cluster rejection, inter-image alignment, inter-image particle correlation, fluorescence integration of reporter emission, and image plane normalization.



No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2015

(21) Application No.1069/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLOBENZODIAZEPINE ANTI PSMA ANTIBODY CONJUGATES

(51) International classification :A61K47/48,A61P35/00
(31) Priority Document No :61/712924
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/071341
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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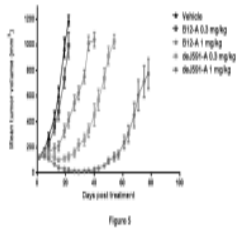
2)MEDIMMUNE LIMITED
(72)**Name of Inventor :**
1)VAN BERKEL Patricius Hendrikus Cornelis
2)HOWARD Philip Wilson

(57) Abstract :
Conjugates of an antibody that binds to PSMA with PBD dimers.



No. of Pages : 219 No. of Claims : 116

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1140/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FERRITIC STAINLESS STEEL

(51) International classification :C22C38/50,C22C38/48,C22C38/46
(31) Priority Document No :20126212
(32) Priority Date :20/11/2012
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2013/051085
Filing Date :19/11/2013
(87) International Publication No :WO 2014/080078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KELA Juha
2)KOSKINIEMI Joni
3)LEVONMAA Raimo

(57) Abstract :
eqeqThe invention relates to a ferritic stainless steel having excellent corrosion and sheet forming properties. The steel consists of in weight percentages 0 003 0 035 % carbon 0 05 1 0 % silicon 0 1 0 8 % manganese 20 24 % chromium 0 05 0 8 % nickel 0 003 0 5 % molybdenum 0 2 0 8 % copper 0 003 0 05 % nitrogen 0 05 0 8 % titanium 0 05 0 8 % niobium 0 03 0 5 % vanadium less than 0 04 % aluminium and the sum C+N less than 0 06 % the remainder being iron and inevitable impurities in such conditions that the ratio (Ti+Nb/(C+N) is higher or equal to 8 and less than 40 and the ratio Ti/C = (Ti + 0 515Nb +0 940V)/(C+0 858N) is higher or equal to 6 and less than 40.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1141/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW DERIVATIVES OF INDOLE FOR THE TREATMENT OF CANCER VIRAL INFECTIONS AND LUNG DISEASES

(51) International classification	:C07D209/18,C07D401/06,C07D401/14
(31) Priority Document No	:12306536.9
(32) Priority Date	:07/12/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/075776 :06/12/2013
(87) International Publication No	:WO 2014/086964
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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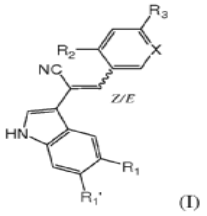
2)GUILLOU Catherine
3)ROULEAU Julien
4)RIVOLLIER Julie
5)CARNIATO Denis

(57) Abstract :
The present invention relates to a new class of indole derivatives having a particular MKlp2 inhibition profile and useful as a therapeutic agent in particular for the treatment of cancer viral infections and lung diseases.



(I)

No. of Pages : 121 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1216/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROTARY MACHINE

(51) International classification :F01C1/10
(31) Priority Document No :1221563.8
(32) Priority Date :30/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050035
Filing Date :07/01/2014
(87) International Publication No :WO 2014/083364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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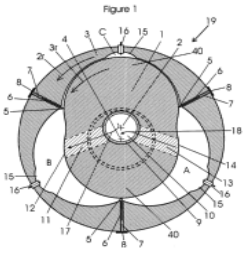
(72)**Name of Inventor :**
1)BROATCH Peter

(57) Abstract :
A rotary fluid machine has an inner rotor (1) and an outer shell (3) held by a stationary support structure arranged so that sealing points (5) on the inside of the shell (3) interact in a sealing arrangement with the outer surface of the rotor (1) to define working chambers such that in use the relative motion of the rotor (1) to the shell (3) causes fluid to be moved through ducts (10;11;13) in the rotor (1) and rotor shaft (9) between the working chambers and a point where the rotor shaft (9) interacts with the support structure.



No. of Pages : 23 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1218/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR EARLY TERMINATION OF AN RX CHAIN

(51) International classification :H04W52/58,H04W52/22,H04W52/44
(31) Priority Document No :61/732811
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071095
Filing Date :20/11/2013
(87) International Publication No :WO 2014/088813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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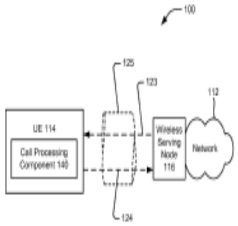
1)MATIN Sharif Ahsanul
2)CHIZGI Nate
3)SALVEKAR Atul Arvind
4)XING Jun

(57) Abstract :
Methods and apparatus for wireless communication for improving the call performance and power consumption during the connection state of a user equipment (UE). Aspects of the methods and apparatus relate to receiving a transmit power control (TPC) command from a network entity and decoding every TPC slot of the TPC command. Aspects of the methods and apparatus include ceasing the decoding of a TPC slot set when the current decoded symbol of the TPC slot is in disagreement with the previous decoded symbol of the TPC slot. The receiver of the UE is then deactivated until the end of the TPC slot set.



No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1150/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN INHIBITING AGENT FOR INHIBITION OF ANGIOGENESIS, A METHOD FOR PREPARING THE AGNET, A METHOD FOR MODIFYING THE AGENT AND ITS USE FOR MANUFACTURING A MEDICAMENT FOR TREATING TUMOR

(51) International classification :A61K38/08, C07K14/435
(31) Priority Document No :200710024565.3
(32) Priority Date :22/06/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/000346
Filing Date :13/02/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :124/MUMNP/2010
Filed on :20/01/2010

(71)**Name of Applicant :**
1)XU, Hanmei
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(72)**Name of Inventor :**
1)XU, Hanmei

(57) Abstract :
Abstract The present invention relates to a highly efficient antiangiogenesis agent, which is a polypeptide for inhibition of angiogenesis Ile-Val-Arg-Arg-Ala-Asp-Arg-Ala-Ala-Val-Pro, connected with a polypeptide containing Arg-Gly-Asp on its one end or two ends. The inhibiting agent can be synthesized or gene engineered. The invention also relates to a physiochemical method for modifying the antiangiogenesis agent. Polypeptides with weight percentage of 1-70% preferably about 20-50% are mixed with 20%-95% poly-sialic acid preferably about 50-93% of the above modified substances are fully mixed even and shaken at a shaker at 4ºC-40 ºC, preferably 25 ºC -37 ºC for more than 10 min, and the modified substances are separated through appropriate methods. The invention still relates to the use of the above polypeptides and the polypeptide modified substances for manufacturing medicaments for treating human solid tumors.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1220/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND APPARATUS

(51) International classification :B01L7/00,B01L3/00
(31) Priority Document No :1221726.1
(32) Priority Date :03/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053192
Filing Date :03/12/2013
(87) International Publication No :WO 2014/087149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GUTSELL Graham
2)WAKELEY Philip

(57) Abstract :
There is provided a device (1) for carrying out an assay to detect a target nucleic acid in a sample the device (1) comprising a body in which is formed: a) a sample entry well location comprising a sample entry well (22) or means for engaging with a sample entry well (22) the sample entry well (22) having a first volume; b) an amplification well location comprising an amplification well (56) or means for engaging with an amplification well (56) the well (56) having a second volume less than or the same as the first volume and in which a nucleic acid amplification reaction of the target nucleic acid may be effected; c) a first channel (60) linking the sample entry well (22) with the amplification well (56); d) a diluent well location comprising a diluent well (35) or means for engaging with a diluent well (35) the well (35) being sealed having a third volume greater than the second volume and being openable to an unsealed configuration; e) a second channel (65) linking the diluent well (35) when in an unsealed configuration with the amplification well (56); f) a third channel (70) extending from the amplification well (56); and g) a lateral flow device (80) arranged to receive sample from the third channel (70) and detect the target nucleic acid therein.

No. of Pages : 68 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015
(21) Application No.1221/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CROWDSOURCING INFORMATION IN A COMMUNICATION NETWORK USING SMALL CELLS

(51) International classification :H04W4/02
(31) Priority Document No :13/714333
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070867
Filing Date :20/11/2013
(87) International Publication No :WO 2014/092945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FISCHER Sven
2)FARMER Dominic
3)BURROUGHS Kirk Allan

(57) Abstract :
Methods systems computer readable media and apparatuses for using a small cell as a reliable crowd sourcing agent are presented. In some embodiments a small cell installed at a known location may observe one or more wireless signals at the known location wherein the small cell comprises a built in network listen receiver for observing cellular downlink signals. Subsequently the small cell may provide to at least one crowdsourcing server information that identifies the location and describes one or more detected properties of the one or more observed wireless signals. In at least one arrangement the information provided to at least one crowdsourcing server is a Positioning Reference Signal (PRS) configuration based on an observed LTE downlink signals. In at least one arrangement the information provided to at least one crowdsourcing server is configured to be used by the at least one crowdsourcing server in providing position assistance information.

No. of Pages : 84 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1106/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTELLIGENT BALANCE SUSPENSION SYSTEM

(51) International classification :B60G11/46,B60G9/00,B60G5/053
(31) Priority Document No :201210437820.8
(32) Priority Date :06/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/086856
Filing Date :18/12/2012
(87) International Publication No :WO 2014/071668
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)FAN Yu
3)ZHANG Yingxiong

(57) Abstract :
An intelligent balance suspension system comprises an intermediate axle a rear axle a plate spring a balance shaft casing a bearing support an air bag and a haunched beam. Two ends of the plate spring are connected to the intermediate axle and the rear axle separately and the middle of the plate spring is connected to the balance shaft casing. The balance shaft casing is hinged with a balance shaft on the bearing support. The top of the intermediate axle and the rear axle are hinged with upper thrust rods of the intermediate axle and the rear axle separately. A rear axle lower thrust rod connected to the bottom of the rear axle is hinged with one side of the bottom of the bearing support. The other side of the bottom of the bearing support is hinged with one end of the haunched beam. The other end of the haunched beam is fixedly connected to the bottom of the air bag by using a transverse stabilizing rod. The top of the air bag is fixedly connected to a bottom of a frame. The middle of the haunched beam is hinged with the bottom of the intermediate axle. The design can improve friction of a tire and fuel consumption when a medium duty or heavy duty vehicle is in no load or light load strong in automatic control adjustment capability fewer in the number of parts small in an occupied space and wide in an application range.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1169/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRDM14 AND FAM19A4 MOLECULAR DIAGNOSTIC MARKERS FOR HPV INDUCED INVASIVE CANCERS AND THEIR HIGH GRADE PRECURSOR LESIONS

(51) International classification :C12Q1/68
(31) Priority Document No :12188377.1
(32) Priority Date :12/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2013/050729
Filing Date :14/10/2013
(87) International Publication No :WO 2014/058321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SNIJDERS Petrus Josephus Ferdinandus
3)STEENBERGEN Renske Dani«la Maria

(57) Abstract :
The invention relates to method for detecting HPV induced high grade precancerous lesions and HPV induced invasive cancers said method comprising detection of hypermethylation in the PRDM14 and/or FAM19A4 gene in a cell whereby such hypermethylation indicates the presence of HPV induced precursor lesions with invasive potential and HPV induced invasive cancers. The invention further comprises the use of the PRDM14 and/or FAM19A4 gene in such a method and a testkit for the detection of PRDM14 and/or FAM19A4 methylation.

No. of Pages : 56 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015
(21) Application No.1244/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIPURPOSE DOUBLE LATCH ADJUSTABLE BUNDLE TIE

(51) International classification :F16L3/233,B65D63/10
(31) Priority Document No :106674
(32) Priority Date :27/11/2012
(33) Name of priority country :Portugal
(86) International Application No :PCT/PT2013/000053
Filing Date :07/08/2013
(87) International Publication No :WO 2014/084747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RODRIGUES PEREIRA Eduardo Henrique

(57) Abstract :
The present invention relates to reusable bundle tie devices comprising a strap (1) with transversal knurl teeth (11) associated with an enclosement buckle with an upper top (4) elevated from the strap leading end (2) by a solid state side wall (3) forming a longitudinal channel (12) and aperture for transversal docking and undocking of the strap middle part by cross slipping over the tooth unit (7). The enclosement flap (6) linked to the leading end (2) by a flexible state reduced portion (5) locks the buckle by means Of one top latch between two cam locks (19 and 20) contiguous to each stopper (13 and 14) and one bottom latch between two cam locks (17 and 18) that replace the flexible portion (5) during enclosement. This enclosement buckle is opposite to the tail end (8) comprising a suspension hook (9) or slot (10).

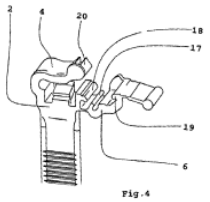

Fig.4

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015

(21) Application No.1245/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALARM INCORPORATED CYLINDER LOCK

(51) International classification :E05B17/00,E05B45/06
(31) Priority Document No :12189306.9
(32) Priority Date :19/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058972
Filing Date :30/04/2013
(87) International Publication No :WO 2014/060119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KARSIL Feramuz
2)BILGIC Ahmet
3)ICIBAL Kadir

(57) Abstract :
A cylinder lock having a first cylinder half which in use is mounted on the indoor side and a second cylinder half which in use is mounted on the outdoor side of a door is disclosed. The cylinder lock further comprises a notch cut out on the outdoor end of the second cylinder half for forming a breakable tip portion on said second cylinder half. A rod extends along the second cylinder half and enters partly at its first end in the first cylinder half. The rod is secured at its second end to the tip portion of the second cylinder half. The cylinder lock further comprises a volume formed on said first cylinder half for accommodating an alarm circuitry including at least an electronic circuit board a magnetic switch and a magnet.

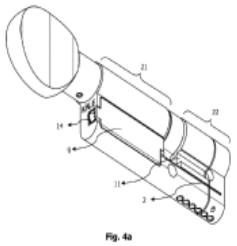

Fig. 4a

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1103/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01N37/50,A01N43/40,A01N43/50
(31) Priority Document No	:12193732.0
(32) Priority Date	:22/11/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/073804 :14/11/2013
(87) International Publication No	:WO 2014/079764
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BRAHM Lutz
2)LIEBMANN Burghard
3)WILHELM Ronald
4)GEWEHR Markus

(57) Abstract :
The present invention relates to pesticidal mixtures comprising one biological compound and at least one fungicidal insecticidal or plant growth regulating compound and respective agricultural uses thereof as defined herein.

No. of Pages : 87 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1104/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARATION OF MK 7 TYPE OF VITAMIN K2

(51) International classification	:C07C45/27,C07C49/683,C07C315/04
(31) Priority Document No	:P.401195
(32) Priority Date	:12/10/2012
(33) Name of priority country	:Poland
(86) International Application No Filing Date	:PCT/PL2013/000132 :11/10/2013
(87) International Publication No	:WO 2014/058330
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)KUTNER Andrzej
3)DZIKOWSKA Jadwiga
4)GUTOWSKA Jadwiga
5)NAPIRKOWSKI Marek
6)WINIARSKI Jerzy
7)KUBISZEWSKI Marek
8)JEDYNAK Lukasz
9)MORZYCKI Jacek
10)WITKOWSKI Stanislaw
11)BAJ Aneta
12)WALEJKO Piotr

(57) Abstract :
11 32Process for preparation of MK 7 type of vitamin K2 is characterized by attaching hexaprenyl chain of žall trans configuration to monoprenyl derivative of menadiol following ž1 + 6 synthetic strategy. According to the invention a sulfonyl carbanion generated in situ from the protected monoprenyl menadiol of the formula (II) wherein R represents C alkyl group is reacted with hexaprenyl halide of the formula (VII) wherein X represents halogen atom preferably bromine both Z and Z represent H or one of Z and Z represents H and the other represents phenylsulfonyl group SOPh in the alkylation reaction. The hexaprenyl halide of formula (VII) is obtained by coupling two triprenyl units in alkylation reaction with or without separation of the intermediates.

No. of Pages : 59 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015
(21) Application No.1172/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SINTERING CONTROL METHOD AND SYSTEM

(51) International classification :F27B21/14
(31) Priority Document No :201210581106.6
(32) Priority Date :27/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090550
Filing Date :26/12/2013
(87) International Publication No :WO 2014/101791
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YUAN Lixin
2)SUN Chao
3)LU Yangquan
4)SHEN Weijie
5)GAO Pengshuang

(57) Abstract :
A sintering control method and system. The method comprises: detecting a current position of a burn through point of a sintering trolley operating at a preset speed; determining a relationship between the current position of the burn through point and a first preset position N and a relationship between the current position of the burn through point and a second preset position M [N M] being an ideal position range of the burn through point of the sintering trolley; when the current position of the burn through point is less than N reducing air quantity of a large flue or reducing a negative pressure of the large flue ; and when the current position of the burn through point is greater than M increasing air quantity of the large flue or increasing the negative pressure of the large flue. In the method the generation of ineffective negative pressure and ineffective air quantity in the sintering process is reduced and electric power consumed by a main exhaust fan is saved thereby avoiding adverse effects of the speed regulation of the trolley on the stability of the material flow quality and the control of the follow up working procedure.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1250/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUSES OF LOCATING A PORTABLE SERVICE ACCESS TRANSCEIVER

(51) International classification	:H04W64/00,H04W84/00,H04W84/04
(31) Priority Document No	:13/712819
(32) Priority Date	:12/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/074469 :11/12/2013
(87) International Publication No	:WO 2014/093533
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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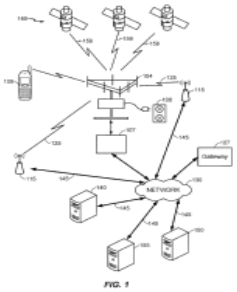
(72)**Name of Inventor :**
1)GUPTA Rajarshi
2)DAS Saumitra Mohan
3)ROWITCH Douglas Neal
4)SRIDHARA Vinay

(57) Abstract :
Described are methods and apparatuses for locating a portable services access transceiver (PSAT) for use in aiding emergency 911 services. In one implementation detecting one or more conditions indicative of movement of a PSAT initiates transmission of one or more messages to a server indicating a reliability of or uncertainty in the estimated location of the PSAT. In another implementation a location of a PSAT may be determined or updated using indoor navigation techniques.



No. of Pages : 50 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1173/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TREATMENT OF FLY ASH CONTAMINATED WITH ACTIVATED CARBON

(51) International classification :C04B14/00,C04B18/06
(31) Priority Document No :13/815448
(32) Priority Date :04/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062591
Filing Date :30/09/2013
(87) International Publication No :WO 2014/137396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VHSC LTD
Address of Applicant :Tropic Isle Bldg. P.O. Box 3331 Road Town Tortola VG110 VIRGIN ISLANDS
2)Pike, Clinton Wesley
(72)**Name of Inventor :**
1)PIKE Clinton Wesley. Sr.

(57) Abstract :
Fly ash contaminated with activated carbon is treated to neutralize the activated carbon by placing the contaminated fly ash in a rotary mill and introducing ozone. The result is that entrained air in concrete made from activated fly ash will contain greater than 4 percent entrained air.

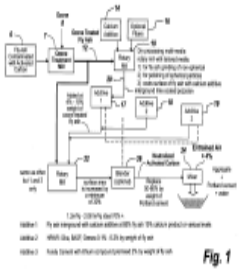


Fig. 1

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1174/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CSN5 POLYPEPTIDES AND USES THEREOF FOR SCREENING THERAPEUTIC AGENTS

(51) International classification :C07K14/47,G01N33/543
(31) Priority Document No :12306251.5
(32) Priority Date :12/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071408
Filing Date :14/10/2013
(87) International Publication No :WO 2014/057134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ECHALIER Aude
2)DUMAS Christian
3)BIROL Melissa

(57) Abstract :
The present invention relates to mutated CSN5 polypeptides and their use in a method of screening modulators of CSN5 activity that could be used as therapeutic agents.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1175/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMORPH FORMS

(51) International classification	:C07D413/14,A61K31/454,A61P1/04
(31) Priority Document No	:61/729174
(32) Priority Date	:21/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/JP2013/006853 :21/11/2013
(87) International Publication No	:WO 2014/080633
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)RAQUALIA PHARMA INC.
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(72)**Name of Inventor :**
1)NUMATA Toyoharu
2)AOYAMA Hideyuki
3)MURAJI Kaori

(57) Abstract :
The present invention relates to novel crystal forms of 4 {[4 ({[4 (2 2 2 trifluoroethoxy) 1 2 benzisoxazol 3 yl]oxy}methyl)piperidin 1 yl]methyl} tetrahydro 2H pyran 4 carboxylic acid. More particularly the invention relates to polymorph forms (Polymorph Form I Polymorph Form II Polymorph Form III Polymorph Form IV Polymorph Form V and Polymorph Form VI) and to processes for the preparation of compositions containing and to uses of such polymorph forms.

No. of Pages : 57 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1251/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE BASED INDOOR POSITION DETERMINATION

(51) International classification :G06T7/00
(31) Priority Document No :61/732233
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072445
Filing Date :28/11/2013
(87) International Publication No :WO 2014/085733
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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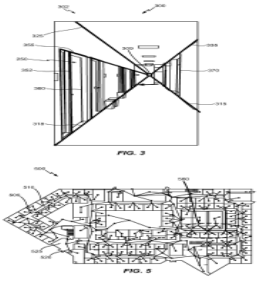
(72)**Name of Inventor :**
1)GUPTA Rajarshi
2)DAS Saumitra Mohan
3)CHAO Hui
4)NAGUIB Ayman Fawzy

(57) Abstract :
In one implementation a method may comprise: determining a topological representation of an indoor portion of a building based at least in part on positions or number of lines in an image of the indoor portion of the building; and comparing the topological representation to one or more stored topological representations for example in a digital map of the building to determine a potential position of the indoor portion of the building.



No. of Pages : 59 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1252/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CLASSIFYING FLOWS FOR COMPRESSION

(51) International classification	:H04L29/06,H04W28/06,H04L29/08
(31) Priority Document No	:61/735807
(32) Priority Date	:11/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/071449 :22/11/2013
(87) International Publication No	:WO 2014/092974
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)VENKATACHALAM JAYARAMAN Venkata Ramanan
2)KAPOOR Rohit
3)HORN Gavin Bernard

(57) Abstract :
Methods and apparatus for wireless communication include receiving at a compressor component a data packet flow and determining information associated with the data packet flow from one or more data packets associated with the data packet flow. The determined information includes source or destination information corresponding to the one or more data packets of the data packet flow. Further the methods and apparatus include classifying the data packet flow as a compressible or an uncompressed data packet flow based on the determined information and compressing or skipping compressing of the one or more data packets associated with the data packet flow based on the classification of the data packet flow. Additionally the methods and apparatus include transmitting the one or more compressed or uncompressed data packets depending on the classification of the data packet flow.

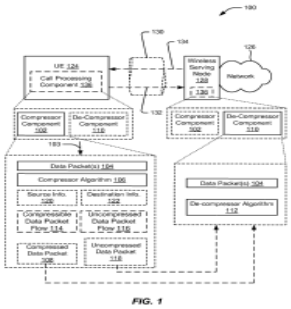

FIG. 1

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1253/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TEXT IMAGE QUALITY BASED FEEDBACK FOR OCR

(51) International classification :G06K9/32,G06K9/20
(31) Priority Document No :5200/CHE/2012
(32) Priority Date :13/12/2012
(33) Name of priority country :India
(86) International Application No :PCT/US2013/071479
Filing Date :22/11/2013
(87) International Publication No :WO 2014/092978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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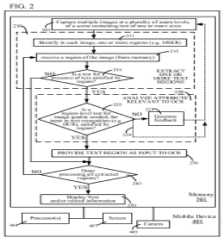
1)BAHETI Pawan Kumar
2)BISAIN Abhijeet S.
3)SOUNDARARAJAN Rajiv
4)GORE Dhananjay Ashok

(57) Abstract :
An electronic device and method capture multiple images of a scene of real world at a several zoom levels the scene of real world containing text of one or more sizes. Then the electronic device and method extract from each of the multiple images one or more text regions followed by analyzing an attribute that is relevant to OCR in one or more versions of a first text region as extracted from one or more of the multiple images. When an attribute has a value that meets a limit of optical character recognition (OCR) in a version of the first text region the version of the first text region is provided as input to OCR.



No. of Pages : 65 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015

(21) Application No.1111/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC INTER CELL INTERFERENCE COORDINATION

(51) International classification :H04W72/08,H04W16/10
(31) Priority Document No :13/654177
(32) Priority Date :17/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/085371
Filing Date :17/10/2013
(87) International Publication No :WO 2014/059935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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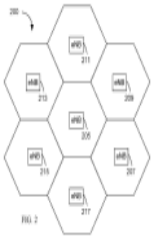
1)ZHANG Liqing
2)MA Jianglei

(57) Abstract :
A system including a cell controller and a method for dynamic inter cell interference coordination based on a strong interference neighbor relationship table (SI NRT) are provided. In the method the cell controller generates a SI NRT based on a predefined threshold value and interferences from a plurality of neighbor cells. The cell controller determines whether a cell needs additional high power frequency band and determines whether there is available high power frequency band in the plurality of neighboring cells based on the SI NRT.



No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1112/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAP AND CONTAINER PROVIDED WITH SAME

(51) International classification :B65D41/34,B65D41/04,B65D55/16
(31) Priority Document No :2012254954
(32) Priority Date :21/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080854
Filing Date :15/11/2013
(87) International Publication No :WO 2014/080836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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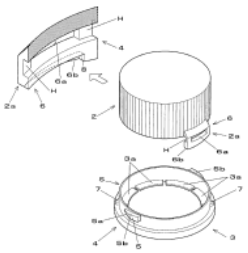
(72)**Name of Inventor :**
1)KATO Takuya

(57) Abstract :
In order to address the problem of providing a cap that can be prevented from being opened by accident, this invention provides a cap characterized in being equipped with a lock mechanism comprising: a cap part screwed onto a threaded part of a container having a mouth part in which the threaded part is formed on the upper part, an annular jaw part is formed on the intermediate part, and an annular neck part is formed on the lower part; and a ring part linked to the bottom part of the cap part with a tear-breakage part interposed there between, the ring part being provided with an elastic piece that can be engaged with the annular jaw part in a folded-back manner, the ring part being provided between the annular jaw part and the annular neck part so as to be able to turn, and the ring part having the function of displaying the opening of the cap; the lock mechanism preventing the cap part from being accidentally turned to open by the turning operation of the ring part.



No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1183/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC DEVICE AND ANTENNA DEVICE

(51) International classification :H01Q7/06,H01Q1/24,H01Q1/52
(31) Priority Document No :2012230266
(32) Priority Date :17/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078086
Filing Date :16/10/2013
(87) International Publication No:WO 2014/061704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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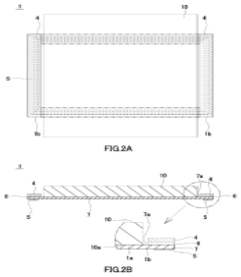
2)SAITO Norio
3)FUKUDA Akihiro
4)RYOSON Hiroyuki
5)KANNO Masayoshi
6)KOBO Masahiro

(57) Abstract :
This electronic device and antenna device employ a coil module that can be made thin without compromising the characteristics thereof and that can be mounted to a narrow space. The electronic device and antenna device are provided with a coil module (1) that comprises a loop shaped antenna coil (5) that is wound so as to have a planar shape and a magnetic sheet (4) that is formed from a magnetic material so as to have a sheet shape that overlaps with at least one portion of the antenna coil (5). One portion of the antenna coil (1) of the coil module (1) overlaps with the internal structure (10) of a housing and the magnetic sheet (4) is provided to a position that does not overlap with the internal structure (10) on the surface side of the antenna coil (5) that overlaps with the internal structure (10).



No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015
(21) Application No.1258/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RESPONDING TO AN INTERACTIVE MULTICAST MESSAGE WITHIN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L12/801, H04W4/06
(31) Priority Document No	:60/974,796
(32) Priority Date	:24/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2008/076990 :19/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:396/MUMNP/2010 :02/03/2010

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SONG, Bongyong

(57) Abstract :
Wireless communication systems and methods of scheduling access terminal responses to an interactive multicast message are provided. A radio access network (RAN) generates an access control message (ACM), the ACM indicating feedback instructions for a plurality of access terminals (ATs) belonging to a given multicast group. The feedback instructions of the ACM designate a temporary manner in which the plurality of access terminals are to respond to an interactive multicast message. The target ATs receive the interactive multicast message as well as the ACM. The target ATs, or multicast group members, respond to the interactive multicast message based on the feedback instructions for the plurality of access terminals indicated by the ACM.

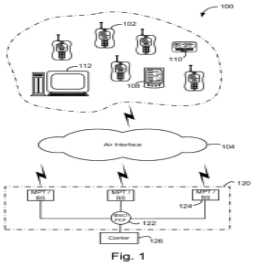

Fig. 1

No. of Pages : 60 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1176/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RSV ANTIVIRAL COMPOUNDS

(51) International classification :C07D403/06,C07D403/14,C07D471/04
(31) Priority Document No :12188694.9
(32) Priority Date :16/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071525
Filing Date :15/10/2013
(87) International Publication No :WO 2014/060411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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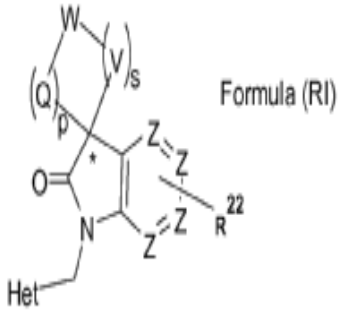
2)VENDEVILLE Sandrine Marie Helene
3)JONCKERS Tim Hugo Maria
4)RABOISSON Pierre Jean Marie Bernard
5)HU Lili
6)DEMIN Samu«l Dominique
7)COOYMANS Ludwig Paul

(57) Abstract :
22Inhibitors of RSV replication of formula RI including stereochemically isomeric forms and salts or solvates thereof wherein R W Q V Z p s and Het have the meaning as defined herein. The present invention also relates to processes for preparing said compounds pharmaceutical compositions containing them and their use alone or in combination with other RSV inhibitors in RSV therapy.



Formula (RI)

No. of Pages : 134 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1177/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER DEFINED POINT OF SALE COUPONS AND PAYMENTS

(51) International classification :G06Q30/02,G06F17/40
(31) Priority Document No :61/714188
(32) Priority Date :15/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064891
Filing Date :14/10/2013
(87) International Publication No :WO 2014/062589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)OSBORNE John
2)RUSSELL David

(57) Abstract :
A system and method for defining a User Defined Coupon (UDC) is provided. In one implementation a method for defining a UDC includes: identifying a source of funds for the UDC; receiving a user selection of a coupon to apply the funds; and generating the UDC for use at a Point of Sale (POS) terminal for application to a cost of a purchase at the POS terminal. In another implementation a system for defining a UDC includes: a UDC clearinghouse computer adapted to receive user selection information comprising a source of funds for the UDC and a user selection of a coupon to apply the funds; and generate the UDC for use at a Point of Sale (POS) terminal for application to a cost of a purchase at the POS terminal.

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015
(21) Application No.1255/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING REAL TIME AUDIO BROADCASTS AMONG A GROUP OF USERS

(51) International classification :H04L12/18
(31) Priority Document No :201210495165.1
(32) Priority Date :28/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/079563
Filing Date :18/07/2013
(87) International Publication No :WO 2014/082458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WENG Leteng
2)TANG Zhuo
3)ZHANG Bin
4)LI Kai
5)SHAN Yi

(57) Abstract :
An information exchange method and system a server and an instant messaging client are provided. The method may include: when receiving a chat session request message sent by a first instant messaging client in an intercom group receiving by a server chat session audio information transmitted by the first instant messaging client; and when receiving a chat session stop message sent by the first instant messaging client distributing by the server the chat session audio information to instant messaging clients except the first instant messaging client in the intercom group for real time playing. The instant messaging client implements an intercom talk function based on a network thereby saving the purchase cost and improving the confidentiality and stability of information exchange.

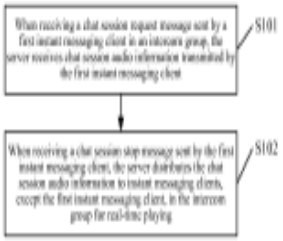

FIG. 1

No. of Pages : 67 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015
(21) Application No.1256/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOADING A RE DIRECTED WEB RESOURCE ON A WEB BROWSER OF A CLIENT DEVICE IN A COMMUNICATIONS SYSTEM

(51) International classification :H04L29/08
(31) Priority Document No :61/736981
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074805
Filing Date :12/12/2013
(87) International Publication No :WO 2014/093704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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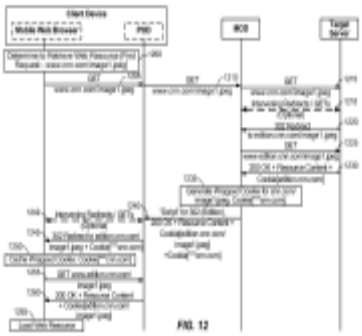
(72)**Name of Inventor :**
1)HERSHBERG Joshua
2)BERELEJIS Gabriel
3)MIZROTSKY Eitan

(57) Abstract :
In an embodiment a client device transmits a request for an initial web resource to a proxy server. The proxy server requests the initial web resource on behalf of the client device in response to the client device s request. The proxy server then executes a web resource redirection procedure (which involves one or more redirects) that is independent of interaction with the client device and results in the proxy server obtaining web resource content. The proxy server delivers the web resource content to a proxy client application on the client device along with instructions for simulating on the client device the web resource redirection procedure between the proxy client application and a mobile web browser on the client device. The proxy client application on the client device then simulates the web resource redirection procedure that occurred at the proxy server as instructed.



No. of Pages : 58 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2015
(21) Application No.1109/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS AND METHOD FOR INPUTTING CHARACTERS THEREOF

(51) International classification :G06F3/048,G06F3/14,G06F3/02
(31) Priority Document No :1020120116065
(32) Priority Date :18/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/003239
Filing Date :17/04/2013
(87) International Publication No:WO 2014/061886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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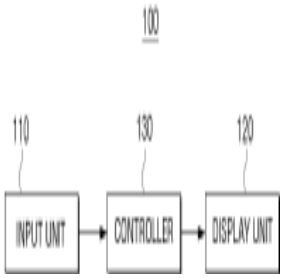
(72)**Name of Inventor :**
1)KIM Min jin
2)KIM Sung gook
3)KIM Yong deok
4)KIM Byuk sun
5)CHOI Sang on

(57) Abstract :
A display apparatus and a method for inputting characters thereof are provided. The display apparatus includes: a display unit which displays a character input UI including a plurality of character items each character item comprising a border and a character located in the border an input unit which receives a user command to select one of the plurality of character items and a controller which if a first character item is selected from among the plurality of character items through the input unit controls the display unit to display at least one recommended character item associated with the first character to partially overlap with character items adjacent to the first character item. Accordingly a user can input characters more easily using the character input UI.



No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1178/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS POWER TRANSMITTER AND RECEIVER AND METHOD FOR TRANSMITTING EMERGENCY INFORMATION IN A WIRELESS CHARGING NETWORK

(51) International classification :G08B25/06,H02J17/00
(31) Priority Document No :1020120116528
(32) Priority Date :19/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008990
Filing Date :08/10/2013
(87) International Publication No :WO 2014/061934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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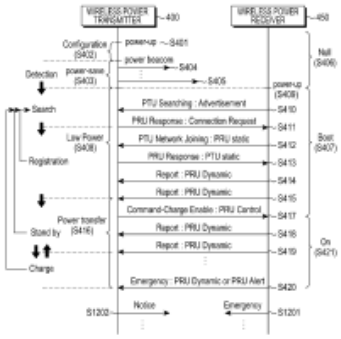
(72)**Name of Inventor :**
1)KWON Hyuk Choon
2)LEE Kyung Woo
3)BYUN Kang Ho
4)JUNG Hee Won

(57) Abstract :
An apparatus and a method are provided for efficiently transmitting emergency information in a wireless charging network. The method includes receiving wireless charging power from a wireless power transmitter; detecting an occurrence of an emergency situation; generating an emergency signal including information of the emergency situation; and transmitting the generated emergency signal to the wireless power transmitter.



No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

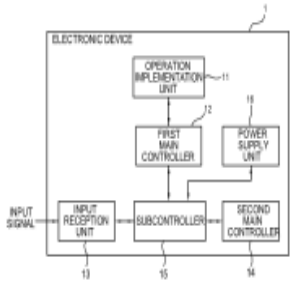
(21) Application No.1179/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC DEVICE AND CONTROL METHOD THEREOF

(51) International classification :G05F1/66
(31) Priority Document No :1020120121659
(32) Priority Date :30/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/006900
Filing Date :31/07/2013
(87) International Publication No :WO 2014/069753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)JANG Young ick
2)KIM Chang yong
3)JANG Jong hyuk
4)HAN Jea hee

(57) Abstract :
An electronic device and a control method thereof are disclosed the electronic device including: an operation implementation unit conducting a predetermined operation; a first main controller controlling the operation of the operation implementation unit; an input reception unit receiving an input signal; a second main controller processing the input signal and being in the power saving state in the standby mode; and a subcontroller controlling the second main controller to process the input signal when the input signal is received in the standby mode wherein the second main controller processes the received input signal according to control of the subcontroller controls the first main controller to operate in the normal mode when the input signal corresponds to entering the normal mode and returns to the power saving state in the standby mode when the input signal does not correspond to entering the normal mode.



No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1260/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY STORAGE

(51) International classification :B65G5/00,F28D20/00
(31) Priority Document No :12512380
(32) Priority Date :01/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051279
Filing Date :01/11/2013
(87) International Publication No :WO 2014/070094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SKANSKA SVERIGE AB
Address of Applicant :112 74 Stockholm Sweden
(72)**Name of Inventor :**
1)PILEBRO Hans

(57) Abstract :
The present invention relates to an arrangement for storing thermal energy comprising at least two tunnels (1a 1b) for holding a fluid. The tunnels (1a 1b) are connected to each other by at least one channel (2) such that fluid communication is allowed between the tunnels (1a 1b). Each tunnel (1a 1b) extends at least partially along a respective circular arc.

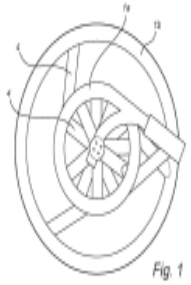


Fig. 1

No. of Pages : 18 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1261/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TERMAL ENERGY STORAGE COMPRISING AN EXPANSION SPACE

(51) International classification :B65G5/00,F24J3/08,F28D20/00
(31) Priority Document No :12512398
(32) Priority Date :01/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051280
Filing Date :01/11/2013
(87) International Publication No :WO 2014/070095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SKANSKA SVERIGE AB
Address of Applicant :112 74 Stockholm Sweden
(72)**Name of Inventor :**
1)PILERBO Hans

(57) Abstract :
The present invention relates to an arrangement for storing thermal energy comprising a shaft (1) and at least one tunnel (2) the shaft (1) and the at least one tunnel (2) being in fluid communication with each other. The tunnel (2) comprises at least a first (2a) a second (2b) and a third (2c) tunnel section. The second tunnel section (2b) is arranged between and connected to the first (2a) and third (2c) tunnel sections. The second tunnel section (2b) is sealed off at an end (4) connected to the third tunnel section (2c) and the third tunnel section is further connected the shaft (1). The shaft (1) and first (2a) and third (2c) tunnel sections are adapted for holding fluid for thermal storage. The second tunnel section (2b) is adapted for use as an expansion space should a volume of the fluid expand beyond a volume of the shaft (1) and the first (2a) and third (2c) tunnel sections. The arrangement further comprises a first transfer means (5) for passing the expanded fluid volume from the shaft (1) and/or the third tunnel section (2c) temporarily into the first tunnel section (2a) and a second transfer means (6) for passing the expanded fluid volume from the first tunnel section (2a) to the second tunnel section (2b).

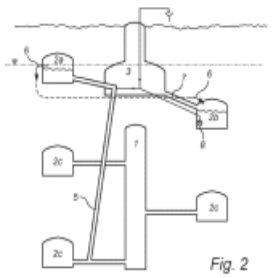


Fig. 2

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1040/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACYLAMINOPYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS AND FURTHER DISEASES

(51) International classification :C07D213/75,A61K31/505,A61P31/12
(31) Priority Document No :12187519.9
(32) Priority Date :05/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070619
Filing Date :03/10/2013
(87) International Publication No :WO 2014/053595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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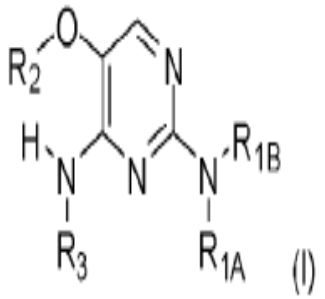
2)PIETERS Serge Maria Aloysius
3)EMBRECHTS Werner
4)LAST Stefaan Julien
5)JONCKERS Tim Hugo Maria
6)RABOISSON Pierre Jean Marie Bernard

(57) Abstract :
This invention relates to acylaminopyrimidine derivatives of formula (I) processes for their preparation pharmaceutical compositions and their use in therapy.



(I)

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2015

(21) Application No.1041/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLO[3 2 *D*]PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS AND OTHER DISEASES

(51) International classification :C07D487/04,A61K31/519,A61P29/00
(31) Priority Document No :12187994.4
(32) Priority Date :10/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070990
Filing Date :09/10/2013
(87) International Publication No :WO 2014/056953
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LAST Stefaan Julien
3)PIETERS Serge Maria Aloysius
4)EMBRECHTS Werner
5)JONCKERS Tim Hugo Maria
6)RABOISSON Pierre Jean Marie Bernard

(57) Abstract :
dThis invention concerns pyrrolo[3 2]pyrimidine derivatives processes for their preparation pharmaceutical compositions and their use in treatment and /or therapy of diseases.

No. of Pages : 121 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2015

(21) Application No.1190/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONSORTIUM OF THE RECOMBINANT INFLUENZA A VIRUSES FLU NS1 124 L7/L12 H5N1 FLU NS1 124 OMP16 H5N1 FLU NS1 124 L7/L12 H1N1 AND FLU NS1 124 OMP16 H1N1 FAMILY ORTOMYXOVIRIDAE GENUS INFLUENZAVIRUS EXPRESSING BRUCELLA IMMUNODOMINANT PROTEINS DESTINED TO GENERATE A VACCINE AGAINST BRUCELLOSIS

(51) International classification :A61K39/02,A61K39/00
(31) Priority Document No :2013/0790.1
(32) Priority Date :14/06/2013
(33) Name of priority country :Kazakhstan
(86) International Application No :PCT/KZ2014/000006
Filing Date :23/05/2014
(87) International Publication No :WO 2014/200325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE REPUBLICAN GOVERNMENT ENTERPRISE ON THE BASIS OF ECONOMIC CONTROL RIGHTS RESEARCH INSTITUTE FOR BIOLOGICAL SAFETY PROBLEMS OF THE SCIENCE COMMITTEE OF THE MINISTERY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
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2)TABYNOV Kaisar Kazybayevich
3)YESPEMBETOV Bolat Amanbayevich
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5)KHAIRULLIN Berik Mikhitovich
6)SANDYBAYEV Nurlan Tamambayevich
7)YEGOROV Andrei Yuryevich

(57) Abstract :
BrucellaNS1Brucellain vivoB. abortusS19B. abortusS19This invention relates to the fields of biotechnology veterinary science and public health and describes a vector vaccine which can be used to prevent brucellosis. The essence of the invention is that reverse genetics methods have been used to construct novel genetically stable recombinant influenza viral vectors based on the influenza A viral vectors Flu NSl 124 L7/L12 H5N1 Flu NSl 124 Omp16 H5Nl Flu NSl 124 L7/L12 HlNl and Flu NSl 124 Omp16 H1N1 (of the subtypes H5N1 and H1N1) that contain the genetic sequences of the proteins L7/L12 (ribosomal) or Omp16 (outer membrane) inserted into the viral gene which express these proteins and are safe in cattle. Our studies showed that this vaccine candidate in cattle induced a strong antigen specific T cell immune response and most importantly provided a high level of protectiveness comparable to the commercial vaccine and superior to the vaccine in combination with Montanide Gel01 adjuvant. Furthermore it is shown that the developed vaccines can effectively differentiate vaccinated animals from infected animals.

No. of Pages : 29 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015

(21) Application No.1270/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BLOOD CLOT FILTER AND UTILIZATION METHOD THEREOF

(51) International classification :A61F2/01,A61B17/221,A61M1/34
(31) Priority Document No :201210484480.4
(32) Priority Date :23/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/085167
Filing Date :14/10/2013
(87) International Publication No :WO 2014/079291
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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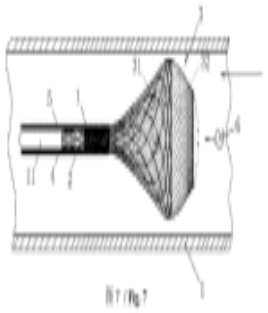
(72)**Name of Inventor :**
1)ZI Zhenjun
2)LEI Rongjun
3)LV Shouliang
4)ZHANG Zhifei
5)YU Jinhu

(57) Abstract :
Disclosed is a blood clot filter comprising a sheath (1) a blood clot intercepting net (2) with an intercepting port a first pushing piece (4) and a control handle. The blood clot filter is also provided with prevention umbrella (3) wherein the direction of the opening of the overfill prevention umbrella (3) is identical to that of the intercepting port. The overfill prevention umbrella (3) is provided outside the blood clot intercepting net (2). A second pushing piece (5) is located in the sheath (1) to push and pull the overfill prevention umbrella (3). The overfill prevention umbrella (3) comprises an umbrella surface (32) and an umbrella stand (31) connected between the second pushing piece (5) and the umbrella surface (32) and the open end of the umbrella surface (32) is a closed shape memory. When filtering blood clots in blood vessels the overfill prevention umbrella (3) is opened by the blood clot intercepting net (2); after completion of the filtration the blood clot intercepting net (2) returns into the overfill prevention umbrella (3) and the umbrella surface (32) of the overfill prevention umbrella (3) will be drawn into the centre of the intercepting port in order to fully cover the intercepting port thus preventing overflow of patches; the sheath (1) is pushed forward to retract the blood clot intercepting net (2); and the overfill prevention umbrella (3) is pulled into the sheath (1). The blood clot filter can effectively recover calcified patches in blood vessels through the blood clot intercepting net (2) and the overfill prevention umbrella (3) can effectively prevent overflow of blood clots when being retracted after capturing blood clots.



No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015
(21) Application No.1055/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR DELIVERING AND RECEIVING MULTIMEDIA DATA IN HYBRID NETWORK

(51) International classification :H04L29/02
(31) Priority Document No :1020120113052
(32) Priority Date :11/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009116
Filing Date :11/10/2013
(87) International Publication No :WO 2014/058276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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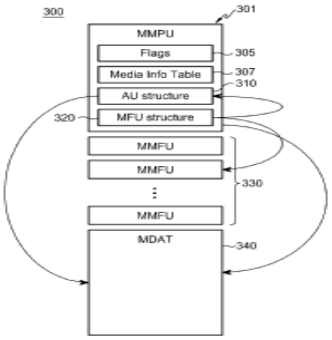
(72)**Name of Inventor :**
1)RHYU Sung-Ryeul
2)PARK Kyung-mo
3)SONG Jae-Yeon

(57) Abstract :
A method of delivering media data in a hybrid network capable of providing broadcasting and internet communication together is provided. The method includes generating a Media Processing Unit (MPU) to process media data and delivering the generated MPU wherein the MPU includes an MPEG Media Transport (MMT) Processing Unit (MMPU) box including information on the MPU a Media Data box (MDAT) including one or more media data fragments which are generated from the media data and an MMFU box including information on each media data fragment.



No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1123/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MOVING ICON ON TERMINAL AND TERMINAL

(51) International classification	:G06F3/0481,G06F3/0484,G06F3/0488
(31) Priority Document No	:201310027292.3
(32) Priority Date	:23/01/2013
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/085554 :21/10/2013
(87) International Publication No	:WO 2014/114114
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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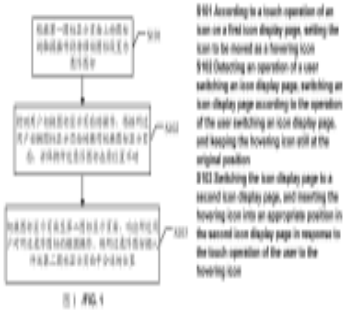
1)LIU Lirong

(57) Abstract :
A method for moving an icon on a terminal comprising: according to a touch operation of an icon on a first icon display page setting the icon to be moved as a hovering icon; detecting an operation of a user switching an icon display page switching an icon display page according to the operation of the user switching an icon display page and keeping the hovering icon still at the original position; and switching the icon display page to a second icon display page and inserting the hovering icon into an appropriate position in the second icon display page in response to the touch operation of the user to the hovering icon. Also disclosed is a terminal. Using the method and the terminal has the advantages of being capable of improving the switching efficiency of an icon display page and the accuracy of icon movement and enhancing the user experience effect of the icon movement.



No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1192/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHODS OF ENHANCED MOBILITY MANAGEMENT

(51) International classification :H04W36/00
(31) Priority Document No :61/725358
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066437
Filing Date :23/10/2013
(87) International Publication No :WO 2014/074314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOHAN Siddharth
2)KAPOOR Rohit
3)SUN Haitong
4)SAMBHWANI Sharad Deepak

(57) Abstract :
Apparatus and methods of mobility management include identifying a target cell as an active set candidate. The apparatus and methods further include determining that a trigger adjustment condition exists wherein the trigger adjustment condition triggers an adjustment of a timing value that indicates a sending time of a target cell add message to a serving cell. Moreover the apparatus and methods include sending the target cell add message including the target cell to the serving cell based on determining that the trigger adjustment condition exists.

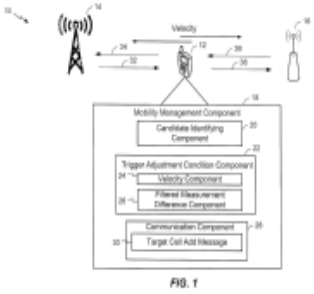


FIG. 1

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015
(21) Application No.1193/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR ENHANCED ROUND TRIP TIME (RTT) EXCHANGE

(51) International classification :G01S5/14,H04L12/26,H04W64/00
(31) Priority Document No :61/735469
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070101
Filing Date :14/11/2013
(87) International Publication No :WO 2014/092926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ALDANA Carlos Horacio
2)HOMCHAUDHURI Sandip
3)HE Xin
4)ZHANG Xiaoxin
5)SHUKLA Ashish Kumar

(57) Abstract :
Disclosed are systems methods and devices for obtaining round trip time measurements for use in location based services. In particular implementations a fine timing measurement request message wirelessly transmitted by a first transceiver device to a second transceiver device may permit additional processing features in computing or applying a signal round trip time measurement. Such a signal round trip time measurement may be used in positioning operations.

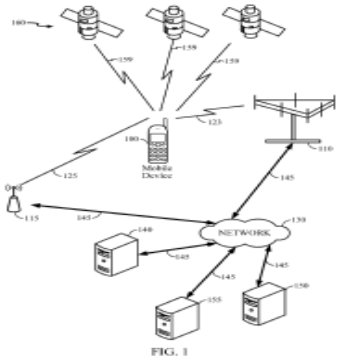


FIG. 1

No. of Pages : 60 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015

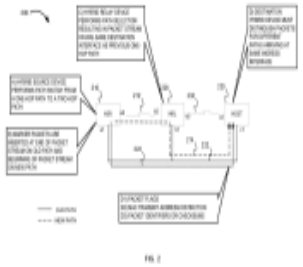
(21) Application No.1271/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEAMLESS SWITCHING FOR MULTIHOP HYBRID NETWORKS

(51) International classification :H04L1/18,H04L12/707
(31) Priority Document No :13/717111
(32) Priority Date :17/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071406
Filing Date :22/11/2013
(87) International Publication No :WO 2014/099257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)JAIN Kaustubh
2)XUE Qi
3)TINNAKORNSRISUPHAP Peerapol
4)BUESKER Brian Michael

(57) Abstract :
Seamless path switching is made possible in a multi hop network based upon stream marker packets and additional path distinguishing operations. A device receiving out of order packets on the same ingress interface is capable of determining a proper order for the incoming packets having different upstream paths. Packets may be reordered at a relay device or a destination device based upon where a path update is initiated. Reordering packets from the various upstream paths may be dependent upon a type of service associated with the packet.



No. of Pages : 41 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1201/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR LIQUID COOLING OF AN ELECTRIC MOTOR

(51) International classification :H02K9/19,B60K11/02,H02K1/22
(31) Priority Document No :12512653
(32) Priority Date :07/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051244
Filing Date :24/10/2013
(87) International Publication No :WO 2014/074052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LASSILA Viktor

(57) Abstract :
The present invention relates to a method for liquid cooling of an electric motor (1) of inner rotor type comprising a rotor (10) and a stator (30) provided with windings comprising the steps of: supplying (S1) a liquid (O) for said liquid cooling to a cooling flange configuration (40) of at least one end (10a 10b) of said rotor (10); and by means of the rotation of the rotor supplying (S2) liquid also to said stator (30) by means of said cooling flange configuration (40). The present invention also relates to a device for liquid cooling of an electric motor (1) of inner rotor type. The present invention also relates to a motor vehicle.

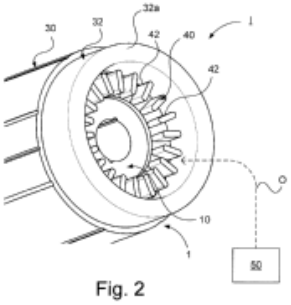

Fig. 2

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1202/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROUTING DATA IN A NETWORK

(51) International classification :H04L12/857,H04L12/851,H04L12/813
(31) Priority Document No :12194164.5
(32) Priority Date :26/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074541
Filing Date :25/11/2013
(87) International Publication No :WO 2014/079999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DEN HARTOG Frank
3)HILLEN Bernardus
4)HERRERA VAN DER NOOD Manuel
5)SMETS Robertus

(57) Abstract :
A method and system is described for delivering data streams in a network comprising devices connected to the network via adapters and wherein at least some of the devices are programmed to indicate priority of a data stream using priority parameter valuesof respective priority parameter types. One device in the network operates as a controller and the accompanying controller adapter is configured to perform priority enforcement on data streams according to all priority parameter types used within the datastreams in the network. A controller is also described and the controller can be a gateway configured to allow data streams into and out of the network. The method system and controller find particular application in networks based on shared network segments for example power line communication or networks based on coaxial cable. Fig. 3

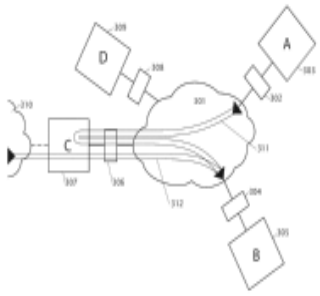

Figure 3

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1282/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CIGARETTE PACKET

(51) International classification :B65D85/10
(31) Priority Document No :BO2012A000696
(32) Priority Date :21/12/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/060846
Filing Date :12/12/2013
(87) International Publication No :WO 2014/097064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GHINI Marco
2)POLLONI Roberto
3)NEGRINI Stefano

(57) Abstract :
The object of this invention is a packet of cigarettes which comprises a group of cigarettes (6) an outer container (2) with a lid (7) which is movable between an open position and a closed position and vice versa an inner wrapper (3) wrapped around the group of cigarettes (6) and housed inside the outer container (2) and a label (5) movable between a position for opening and a position for closing the inner wrapper (3); the packet (1) comprises a layer (17) of adhesive material between the label (5) and the lid (7) and a removable tongue (18) located at least partly on top of the layer (17) of adhesive material; the lid (7) is connectable to the label (5) by means of the layer (17) of adhesive material after the tongue (18) has been removed from the selfsame layer (17) of adhesive material.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1283/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIND GENERATOR SECTION OF A SUPPORTING STRUCTURE OF A WIND GENERATOR AND METHOD OF ASSEMBLING A SECTION

(51) International classification :F03D11/00,F03D11/04,F03D1/00
(31) Priority Document No :12199097.2
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077744
Filing Date :20/12/2013
(87) International Publication No :WO 2014/096382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KRAMER Thomas

(57) Abstract :
A section of a supporting structure of a wind generator a wind generator and a method of assembling a section of a supporting structure of a wind generator are provided. The supporting structure of the wind generator comprises a plurality of sections. Modules of a sub system of a wind generator are arranged on platforms of a multi stage platform packet. The platform packet is arranged in an interior space of the section and the platform packet is mounted on the section.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1204/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A STATOR OR ROTOR

(51) International classification :H02K1/14,H02K3/52,H02K15/02
(31) Priority Document No :1218669.8
(32) Priority Date :17/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/059371
Filing Date :15/10/2013
(87) International Publication No :WO 2014/060950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BELL Jamie
2)FOULSHAM John

(57) Abstract :
A stator or rotor for an electric motor or generator comprising a circumferential support having a protrusion; a tooth arranged to receive coil windings wherein the tooth includes a recess in which is housed the protrusion of the circumferential support and the protrusion and the recess in the tooth are arranged to have a cavity or channel formed on an adjacent surface of the recess and the protrusion when the protrusion is housed in the recess wherein a material is placed inside the cavities or channels formed by the adjacent surfaces of the recess and the protrusion for retaining the tooth to the support.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1205/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND NETWORK ELEMENT FOR OBTAINING PACKET INFORMATION

(51) International classification :H04W4/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084515
Filing Date :13/11/2012
(87) International Publication No :WO 2014/075214
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TAN Shiyong
2)SHI Xiaoyan

(57) Abstract :
The present invention provides a method and a network element for obtaining packet information wherein the method comprises: after a UE establishes a bearer a first network element sending a first obtaining request to a second network element wherein the first obtaining request is used to instruct the second network element to obtain packet information that is between the UE and a packet data network (PDN) and passes through the second network element; and the first network element receiving packet information sent by the second network element wherein the packet information is the packet information collected by the second network element according to the first obtaining request. The method solves a problem in prior art that a PCC system cannot obtain packet information related to a user equipment.

No. of Pages : 132 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1284/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEALTH DIAGNOSTIC SYSTEMS AND METHODS

(51) International classification :G01N21/75
(31) Priority Document No :61/718970
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067150
Filing Date :28/10/2013
(87) International Publication No :WO 2014/066913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)FAYBISHENKO Boris

(57) Abstract :
A health monitoring system and methods of use and manufacture thereof are disclosed. The health monitoring system may include a computing system and a diagnostic test coupled to a diaper. The diagnostic test may include one or more sensors configured to produce a visual indication of one or more analytes contained in a sample produced by a subject. The diagnostic test may include a machine readable code. The computing system may be configured to read the machine readable code to allow an application running on the computing system to automatically perform at least one task related to a production of a data point based on the visual indication. The health monitoring system may aid in identifying a potential abnormal health condition of the subject by providing automatic longitudinal analysis of analytes contained in samples produced by the subject over a period of time.

No. of Pages : 82 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1286/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOTOR

(51) International classification :H02K1/27
(31) Priority Document No :2013004276
(32) Priority Date :15/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/007566
Filing Date :25/12/2013
(87) International Publication No :WO 2014/112021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UEDA Tomoya

(57) Abstract :
A rotor of an electrical rotating machine includes a first rotor core a second rotor core which overlaps the first rotor core in an axial direction a non magnetic substance layer which is interposed between the rotor cores and a plurality of permanent magnet portions which are embedded in each rotor core. Each of the rotor cores includes a plurality of flux barrier portions and a plurality of effectual magnetic flux portions which are alternately arranged on an outer circumferential surface thereof. The flux barrier portion of the first rotor core overlaps both of a part of the flux barrier portion of the second rotor core and a part of the effectual magnetic flux portion of the second rotor core in the axial direction. As a result in the adjacent rotor cores the effectual magnetic flux portions of which magnetic poles on the radially outer sides are different from each other do not overlap each other in the axial direction. Thereby short circuiting of the magnetic flux is prevented from occurring between the adjacent rotor cores.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1213/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR CHARACTERISING PARTICLES BY IMAGE ANALYSIS

(51) International classification	:G01N15/06,G01N15/00,G01N15/14
(31) Priority Document No	:1261016
(32) Priority Date	:20/11/2012
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2013/074189 :19/11/2013
(87) International Publication No	:WO 2014/079849
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)BRACKX Emmanuelle
2)DUGNE Olivier
3)BOICHARD Benoit
4)BERTRAND Murielle

(57) Abstract :
A method for characterising particles comprising the following steps: Producing at least one image of the particles of a sample with a scanning electron microscope capturing and processing the image. The processing operation consists of: for each so called usable particle measuring the maximum Feret length and minimum Feret width of same; defining a geometric model of the particle from the maximum Feret length and minimum Feret width of same; calculating a projected area of the particle from the geometric model and the minimum Feret width of same; calculating a volume of the particle from the geometric model the projected area and the maximum Feret length of same; calculating a characteristic particle size on the basis of the geometric model the minimum Feret width and maximum Feret length; calculating a volume form factor from the volume and characteristic size.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1214/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BOTTLING LINE AND METHOD

(51) International classification :B29C49/46,B29L31/56,B65B3/02
(31) Priority Document No :PCT/IB2012/056922
(32) Priority Date :03/12/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/IB2013/054508
Filing Date :31/05/2013
(87) International Publication No :WO 2014/087257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARASTONI Daniele

(57) Abstract :
A continuous cycle bottling line (1) for containers of thermoplastic material comprises: a parison moulding unit (2); a blow moulding unit (3) for making containers; a unit for filling (4) the containers; a thermal conditioning structure for the parisons for heating (9) and cooling (8) the parisons in a heating module and in a cooling module respectively; an automatic controlled atmosphere storage system for containing the parisons and interconnected with the other parts of the line; a pressurization system configured to pressurize at least the following parts of the line: the storage system the at least one blow moulding unit and the connections between the thermal conditioning structure and the storage system; where the heating and cooling modules alternatively or in combination i) are pressurized ii) have a plurality of shutters configured to occlude the opening at the end of each parison so that the interior of the parison remains closed when the parison is inside the heating and cooling module.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1215/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IRON POWDER FOR DUST CORES

(51) International classification :B22F1/00,C22C38/00,H01F1/14
(31) Priority Document No :2012277424
(32) Priority Date :19/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/007055
Filing Date :02/12/2013
(87) International Publication No:WO 2014/097556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKAMURA Naomichi

(57) Abstract :
3According to the present invention an iron powder for dust cores which has excellent compressibility and low iron loss after molding can be obtained by setting the Si content thereof to 0.01 mass% or less the apparent density thereof to 3.8 g/cm or more the ratio of iron particles having a diameter of 45 μm or less to 10 mass% or less the ratio of iron particles having a diameter of more than 180 μm but 250 μm or less to less than 30 mass% the ratio of iron particles having a diameter of more than 250 μm to 10 mass% or less and the Vickers hardness (test force: 0.245 N) in a particle cross section to 80Hv or less.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1294/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR REMOVING SLAG

(51) International classification :F27B14/08,F27D3/15,F27D21/00
(31) Priority Document No :10 2012 022 911.9
(32) Priority Date :23/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000664
Filing Date :07/11/2013
(87) International Publication No :WO 2014/079403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a device for removing slag from the surface of a melt from at least one induction melting furnace. The device has an arm which can be rotated about a rotating point with a vertical axis of rotation and arranged at the end of the arm a holder with a guide for a slide that can be moved up and down. On the slide there is a slag removing device in the form of a gripper with gripping elements that can be opened and closed. The device is controlled by an operator preferably semiautomatically and can serve a number of induction melting furnaces arranged on a circular path.

No. of Pages : 18 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2015

(21) Application No.1056/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER CELL INTERFERENCE COORDINATION METHOD AND APPARATUS FOR USE IN MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W24/00,H04W72/04,H04W92/20
(31) Priority Document No :1020120125620
(32) Priority Date :07/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010075
Filing Date :07/11/2013
(87) International Publication No :WO 2014/073881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)Park SANGUK
5)CHOI, WON-CHUI
6)

(57) Abstract :
A data transmission and/or reception method of a base station in a wireless communication system is provided. The data transmission/reception method includes receiving information on interference measured by a terminal allocating a downlink resource to a terminal based on the received interference information determining per subband transmit power distributions of the downlink resource allocation and transmitting the per subband transmit power distributions of the downlink resource allocation to neighbor base stations.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2015

(21) Application No.1057/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY SYSTEM WITH CONTENT PRESENTATION MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :G06F3/14,G06F3/048,G06F9/44
(31) Priority Document No :61/709927
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008878
Filing Date :04/10/2013
(87) International Publication No:WO 2014/054906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CANTELLI, BRENNO
3)SIMMONS, DANIEL
4)BARNAHUM, GUY
5)FERREIRA, KWAME

(57) Abstract :
A method of operation of a display system includes: providing a format; displaying content with the format configured to display on a display interface; receiving input based on the content displayed with the format on the display interface; and receiving input based on the content displayed with the format on the display interface.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1131/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC DEVICE AND METHOD FOR CONTROLLING PAYMENT FUNCTION OF INPUT MEANS

(51) International classification :H04W88/02,H04W92/18
(31) Priority Document No :1020120127462
(32) Priority Date :12/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010082
Filing Date :07/11/2013
(87) International Publication No :WO 2014/073886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHO Chi Hyun
2)KIM Moo Young
3)CHOI Hyun Chul
4)HEO Chang Ryong

(57) Abstract :
An electronic device and a method for controlling a payment function of an input means are provided. The operating method of the electronic device includes receiving a packet periodically transmitted from an input means determining a distance from the electronic device to the input means based on determining a signal reception strength of the packet extracting a distance value from storage associated with a matching reception strength and sending to the input means a signal according to the extracted distance value of the input means and the received packet.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1133/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR BASE STATION COOPERATIVE COMMUNICATION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/02
(31) Priority Document No :1020120115849
(32) Priority Date :18/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009320
Filing Date :18/10/2013
(87) International Publication No :WO 2014/062026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARK Jeong Ho
3)JEONG Su Ryong
4)KANG Bo Hyun
5)JEONG Cheol

(57) Abstract :
A Base Station (BS) cooperative communication method in a wireless communication system is provided. The BS cooperative communication method includes measuring signal quality of one or more neighboring BSs comparing a number of downlink beams available for communication between a serving BS and a Mobile Station (MS) with a reference value determining not to involve the one or more neighboring BSs in BS cooperative communication for the MS when the number of downlink beams is equal to or larger than the reference value comparing signal measurements of the one or more neighboring BSs with a first threshold when the number of downlink beams is smaller than the reference value and determining to involve one or more neighboring BSs having a signal measurement larger than the first threshold in the BS cooperative communication for the MS.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015
(21) Application No.1290/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRINTING SYSTEM AND METHOD

(51) International classification :B41J2/00,B41J23/00,B41F17/18
(31) Priority Document No :61/726859
(32) Priority Date :15/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050946
Filing Date :14/11/2013
(87) International Publication No:WO 2014/076704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)COFLER Marian

(57) Abstract :
A printing technique is presented for efficiently printing (i.e. with production lines rates at high resolution and high accuracy) on outer surfaces of a plurality of objects passing in an optimized stream through a printing route/zone. According to this technique at least one array of printing head units is provided being configured to define at least one printing route along a printing axis where the at least one printing route is a substantially linear segment of a closed loop lane along which the objects are progressing.

No. of Pages : 67 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1143/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPENSER

(51) International classification :A01M1/20,A01N25/08,A01N25/10
(31) Priority Document No :61/729272
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070755
Filing Date :19/11/2013
(87) International Publication No :WO 2014/081705
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ADAIR Joel E.
4)DAVIS Brian T.
5)HAMDALLAH Syatrizal
6)MEIER Maude Christian

(57) Abstract :
Dispensers (10) for dispensing an insect control active include a porous substrate (12) impregnated with an insect control active. The porous substrate has a minimal bending moment of about 150 to about 275 g cm. Upon activation the dispenser exhibits an effective release rate of the insect control active of about 0.1 to about 0.3 mg/hr.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015
(21) Application No.1144/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHANNEL STATE INFORMATION REPORTING METHOD USER EQUIPMENT AND BASE STATION THEREOF

(51) International classification :H04W24/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084483
Filing Date :12/11/2012
(87) International Publication No :WO 2014/071638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a channel state information reporting method user equipment and base station thereof via UE determines channel state information measurement resource based on non periodic Channel State Information (CSI) trigger signal base station sends Channel State Information Reference Signal (CSI RS) only when it needs UE to report non periodic CSI comparing with sending periodic CSI RS by base station at present reducing needless CSI RS sending can save energy of base station such as Enhanced Node B (eNB); and reducing CSI RS sending can reduce the occupied resource of CSI RS thereby can improve system spectrum efficiency. Otherwise reducing needless CSI RS sending can reduce interference of base station to other cells; in conclusion reserving CSI measurement resource only when CSI feedback is needed reduces occupancy consumption of CSI measurement resource improves system spectrum efficiency.

No. of Pages : 70 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1219/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR ATTENUATING MAGNETIC FIELDS OF ELECTRICAL CABINETS

(51) International classification :H02B1/20,H01B9/00
(31) Priority Document No :222794
(32) Priority Date :01/11/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050886
Filing Date :30/10/2013
(87) International Publication No :WO 2014/068562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A bus bar system usable for electrical cabinets for distributing electrical power supplied by an electrical supply cable comprising two or more electrically conducting wires. In some embodiments the bus bar system comprises a predetermined number of bus bar elements each electrically connectable to at least one of the wires of the electrical supply cable. At least one of the bus bar elements may be formed by a group of at least two sub bus bar elements electrically connectable to each other in parallel. Each group of the sub bus bar elements may be electrically connectable to at least one of the wires of the electrical supply cable where each of said bus bar and sub bus bar elements being located adjacent at least one other bus bar or sub bus bar element associated with either different electrical phase or different electrical current direction to thereby cause magnetic fields emanating from said bus bar and sub bus bar elements to destructively interfere with each other.

No. of Pages : 41 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1300/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SPARSE CODE MULTIPLE ACCESS

(51) International classification :H04B7/02
(31) Priority Document No :61/727486
(32) Priority Date :16/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/087311
Filing Date :18/11/2013
(87) International Publication No :WO 2014/075637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Coding gains can be achieved by encoding binary data directly to multi dimensional codewords which circumvents QAM symbol mapping employed by conventional CDMA encoding techniques. Further multiple access can be achieved by assigning different codebooks to different multiplexed layers. Moreover sparse codewords can be used to reduce baseband processing complexity on the receiver side of the network as sparse codewords can be detected within multiplexed codewords in accordance with message passing algorithms (MPAs).

No. of Pages : 79 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1227/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STRUCTURE FOR SHAFT MALE MEMBER AND FEMALE MEMBER

(51) International classification :F16D1/06,B62D1/18,B62D1/20
(31) Priority Document No :2012272886
(32) Priority Date :13/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/083152
Filing Date :11/12/2013
(87) International Publication No :WO 2014/092103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)AOKI Kenichiro
5)AOKI Yasuhiro

(57) Abstract :
Provided are a structure for a shaft a male member and a female member in which the initial stiffness when the male member is twisted is reduced so as to be lower than that in the past thereby preventing large power from being suddenly transmitted to the shaft and making it possible to reduce a sense of discomfort felt by the driver. The structure (20) for a shaft is provided with: a male member (21) having a plurality of male tooth parts and a plurality of male tooth bottom parts formed on the outer peripheral part (21b); a female member (22) having a plurality of female tooth parts (22b) and a plurality of female tooth bottom parts (22c) formed on the inner peripheral part (22a); and an elastic member (23) provided so as to cover the surface of the outer peripheral part of the male member (21). In an initial state in which the male member (21) is inserted in the female member (22) a first gap (S1) is present between the elastic member (23) and the portion of the side part (22d) of each of the female tooth parts (22b) facing the elastic member (23) and when the male member (21) is caused to rotate a predetermined time difference is generated in the axial direction until the elastic member (23) and the side part of the female tooth part (22b) come into contact with each other.

No. of Pages : 79 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1228/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD BASE STATION AND USER EQUIPMENT FOR TRANSMITTING INFORMATION

(51) International classification :H04B7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084679
Filing Date :15/11/2012
(87) International Publication No :WO 2014/075270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Embodiments of the present invention provide a method for transmitting information. The method comprises: determining multiple enhanced transmission opportunity configurations; determining a first enhanced transmission opportunity configuration according to a loss value of a channel to a user equipment wherein a time width occupied by an enhanced transmission opportunity is greater than the time width occupied by a non enhanced transmission opportunity; and configuring transmission information according to the first enhanced transmission opportunity. The embodiments of the present invention also provide a base station and the user equipment used for determining the enhanced transmission opportunity configuration according to a range to which the loss value of the channel belongs. Thus the base station and user equipment can send and/or receive information using a proper time frequency resource and a power configuration according to the loss value of the channel optimizing a resource configuration and reducing power consumption.

No. of Pages : 77 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1306/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SCROLL COMPRESSOR WITH VARIABLE VOLUME RATIO PORT IN ORBITING SCROLL

(51) International classification :F04C18/02,F04C29/00
(31) Priority Document No :61/731645
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070981
Filing Date :20/11/2013
(87) International Publication No :WO 2014/085157
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A compressor may include a first scroll member a second scroll member and a drive shaft. The first scroll member may include a first end plate defining a first discharge port and a first spiral wrap extending from the first end plate. The second scroll member may include a second end plate defining a first variable volume ratio port and a second spiral wrap extending from the second end plate and meshingly engaged with the first spiral wrap and forming compression pockets. The variable volume ratio port may be located radially outward relative to the first discharge port and in communication with a first compression pocket. The drive shaft may be engaged with the second scroll member and driving orbital displacement of the second scroll member relative to the first scroll member.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015
(21) Application No.1229/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENCODING METHOD DECODING METHOD ENCODING DEVICE AND DECODING DEVICE

(51) International classification :G10L19/24,G10L21/04
(31) Priority Document No :201310014342.4
(32) Priority Date :15/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/080061
Filing Date :25/07/2013
(87) International Publication No :WO 2014/110895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Embodiments of the present invention provide an encoding method a decoding method an encoding device a decoding device a transmitter a receiver and a communication system. The encoding method comprises: dividing time domain signals to be encoded into low frequency band signals and high frequency band signals; encoding the low frequency band signals to obtain a low frequency encoding parameter; encoding the high frequency band signals to obtain a high frequency encoding parameter and obtaining synthesized high frequency band signals according to the low frequency encoding parameter and the high frequency encoding parameter; performing short time post filtering processing on the synthesized high frequency band signals to obtain short time filtered signals wherein the shape of spectrum envelope of the short time filtered signals is closer to the shape of spectrum envelope of the high frequency band signals than the shape of spectrum envelope of the synthesized high frequency band signals; and calculating high frequency gains based on the high frequency band signals and the short time filtered signals. The technical solution according to each embodiment of the present invention can improve the encoding and/or decoding effect.

No. of Pages : 45 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1230/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROBE HOLDER

(51) International classification :A61B8/00,G01N29/24
(31) Priority Document No :13/842631
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/028735
Filing Date :14/03/2014
(87) International Publication No :WO 2014/144359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A holder for an optoacoustic probe includes a probe end enclosing portion formed from material that is substantially opaque to light emanating from an optical window of a probe. The probe end enclosing portion is sized to enclose the active end of the probe and have a snug fit therewith when the optoacoustic probe is inserted therein and has minimal or no contact with the optical window and acoustic lens of the probe. The probe holder further includes a cutaway adapted to support the probe s strain relief under the downward force of gravity thereby supporting the probe at an angle that provides for easy manual grasping and removal. The probe support also blocks an in holder probe from sliding away from the probe enclosing end. A cable guide is spaced from the probe support to accept a connecting cable exiting from the proximal end of the probe and thus reduce pressure on the strain relief and soften the angle of curvature of the connecting cable.

No. of Pages : 190 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1309/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOW POWER ALWAYS ON DETERMINATION OF INDOOR VERSUS OUTDOOR STATE

(51) International classification :H04W52/02,G01S19/48,H04W4/02
(31) Priority Document No :13/725753
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070865
Filing Date :20/11/2013
(87) International Publication No :WO 2014/099223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SADASIVAM Shankar

(57) Abstract :
Methods systems computer readable media and apparatuses for determining indoor/outdoor state of a mobile device are presented. In some embodiments a mobile device may maintain an indoor/outdoor state. The mobile device may include at least one first sensor and at least one second sensor the first sensor associated with higher power consumption than the second sensor. The mobile device may gate off the first sensor and using the second sensor to obtain a sensor reading if the second sensor can generate a reading indicative of the indoor/outdoor state of the mobile device. The mobile device may use the first sensor to obtain a sensor reading if the second sensor cannot generate a reading indicative of the indoor/outdoor state of the mobile device. The mobile device may update the indoor/outdoor state of the mobile device based on a reading received from one of the first and the second sensors.

No. of Pages : 50 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2015

(21) Application No.1231/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELF CONTIANED SELF INFLATING REGULATED CONTAINER

(51) International classification :A61J1/10,A61M5/142
(31) Priority Document No :61/795566
(32) Priority Date :19/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065811
Filing Date :21/10/2013
(87) International Publication No :WO 2014/063131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GERARD Mark

(57) Abstract :
A container has a first compartment a sleeve configured to receive at least one container for holding fluid and a second compartment coupled to the first compartment outside of the first compartment. Disposed inside of the second compartment in a substantially sealed manner is at least one inflator configured to pump a fluid into the first compartment wherein the at least one inflator. There can be at least one fluid channel coupled to the first compartment and to the at least one inflator for allowing fluid to flow from the at least one inflator to the first compartment.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2015

(21) Application No.1232/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PLANT GROWING DEVICE

(51) International classification :A01C1/02,A01G31/02
(31) Priority Document No :1218599.7
(32) Priority Date :17/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/000443
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORRISSEY Brian James

(57) Abstract :
The present invention relates to a germination device for a plant seed comprising a plant seed receptacle (2) arranged to receive a plant seed. The device further comprises a hydrocel (4) comprising a water reservoir (10) and an air chamber (12). The hydrocel (4) is arranged to receive the plant seed receptacle (2). The device further comprises a seedbase (6) arranged to receive at least a portion of the hydrocel (4) and adapted to provide heat and/or water to the hydrocel (4). The device further comprises a biodome (8) arranged to engage the seedbase (6).

No. of Pages : 48 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2015

(21) Application No.1233/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OXIRAN AMINES

(51) International classification :C07C233/09,A61K31/195,A61K31/336
(31) Priority Document No :PCT/DK2012/050419
(32) Priority Date :15/11/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050383
Filing Date :15/11/2013
(87) International Publication No :WO 2014/075691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :c/o Advokat Carlo Siebert Vimmelskaftet 43 DK 1163 Copenhagen K Denmark
(72)**Name of Inventor :**
1)OLSEN Jens Steen

(57) Abstract :
Disclosed herein are oxiran amines useful for the treatment of a variety of diseases. The oxiran amines are useful in the manufacture of pharmaceutical compositions. The pharmaceutical composition may be used for the treatment or prevention of a disease caused by a virus having a lipid membrane or the pharmaceutical composition may be used for diseases requiring cell proliferation or immune regulation.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015
(21) Application No.1310/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CYCLIC SHIFT DELAY DETECTION USING A CLASSIFIER

(51) International classification :H04B7/06,H04B7/08
(31) Priority Document No :61/732862
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024983
Filing Date :06/02/2013
(87) International Publication No :WO 2014/088610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SRIDHARA Vinay
3)ZHANG Xiaoxin
4)RAMAN Sundar
5)ZHANG Gengsheng
6)ARROYO Bernal A.
7)ALDANA Carlos Horacio

(57) Abstract :
Systems apparatus and methods for determining a cyclic shift delay (CSD) mode from a plurality of CSD modes is disclosed. A received OFDM signal is converted to a channel impulse response (CIR) signal in the time domain and/or a channel frequency response (CFR) signal in the frequency domain. Matched filters and a comparator are used to determine a most likely current CSD mode. Alternatively a classifier is used with a number of inputs including outputs from two or more matched filters and one or more outputs from a feature extractor. The feature extractor extracts features in the time domain from the CIR signal and/or in the frequency domain from the CFR signal useful in distinguishing various CSD modes.

No. of Pages : 58 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1311/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STRUCTURED LIQUIDS CONTAINING REFLECTIVE PARTICLES

(51) International classification :A61K8/81,A61Q19/10
(31) Priority Document No :PCT/CN2012/085554
(32) Priority Date :29/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087522
Filing Date :20/11/2013
(87) International Publication No :WO 2014/082540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HODSON Emma Louise
2)JARVIS Adam Peter
3)KITA TOKARCZYK Katarzyna Elzbieta
4)LIMER Adam John
5)MERRINGTON James

(57) Abstract :
18Cleansing compositions in the form of structured liquids that include (i) an at least partially deprotonated copolymer that is the polymerization product of selected first and second ethylenically unsaturated monomers C to C alkyl ester of (meth)acrylic acid and a selected associative monomer (ii) reflective particles (iii) cleansing surfactant and (iv) water wherein the compositions are in the form of structured liquids having desirable optical properties.

No. of Pages : 50 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2015

(21) Application No.1234/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DIAGNOSTIC VECTOR CLASSIFICATION SUPPORT

(51) International classification :G06T7/00,A61B6/00
(31) Priority Document No :61/799213
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023673
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STAVROS Anthony
2)BUTLER Reni
3)LAVIN Philip
4)MILLER Thomas
5)ZALEV Jason

(57) Abstract :
The diagnostic vector classification support system and method disclosed herein may both reduce the time and effort required to train radiologists to interpret medical images and provide a decision support system for trained radiologists who regardless of training have the potential to miss relevant findings. In an embodiment a morphological image is used to identify a zone of interest in a co registered functional image. An operator s grading of a feature at least partially contained within the zone of interest is compared to one or more computer generated grades for the feature. Where the operator and computer generated grades differ diagnostic support can be provided such as displaying additional images revising the zone of interest annotating one or more displayed images displaying a computer generated feature grade among other possibilities disclosed herein.

No. of Pages : 64 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1235/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING CORES FOR ELECTRICAL MACHINES

(51) International classification :H02K15/02
(31) Priority Document No :1220611.6
(32) Priority Date :15/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/002647
Filing Date :05/11/2013
(87) International Publication No :WO 2014/076561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FELISA Franco
2)BOVAIA Orazio

(57) Abstract :
There is described a method and apparatus for forming a core for an electrical machine in which a stamped metal strip (4a 4b) is wound onto a mandrel (22) to form a helical winding. The diameter of the mandrel is then increased to apply tension to the wound strip while the coils of the wound strip are held between clamps (24 25). The coils of the wound strip are then fixed relative one to another (50 51) while the coil is held at the increased diameter. The diameter of the mandrel is then reduced to disengage the laminated core from the mandrel. To produce a rotor or stator for an electrical machine electrical coils are mounted in slots formed in the inner or outer surface of the core. The rotor or stator may then be incorporated into an electrical machine such as a motor or generator.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1315/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEUROPHYSIOLOGICAL DATA ANALYSIS USING SPATIOTEMPORAL PARCELLATION

(51) International classification	:A61B5/0484,A61B5/048,G06K9/00
(31) Priority Document No	:61/725614
(32) Priority Date	:13/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2013/050939 :13/11/2013
(87) International Publication No	:WO 2014/076698
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GEVA Amir B.
2)STERN Yaki
3)RECHES Amit

(57) Abstract :
A method of analyzing neurophysiological data recorded from a subject is disclosed. The method comprises identifying activity related features in the data and parceling the data according to the activity related features to define a plurality of capsules each representing a spatiotemporal activity region in the brain. The method further comprises comparing at least some of the defined capsules to at least one reference capsule and estimating a brain function of the subject based on the comparison.

No. of Pages : 158 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1316/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN INTEGRATED ELECTRONIC DEVICE INCLUDING AN INTERPOSER STRUCTURE AND A METHOD FOR FABRICATING THE SAME

(51) International classification	:H01L23/66,H01L23/10,H01L23/498
(31) Priority Document No	:223414
(32) Priority Date	:04/12/2012
(33) Name of priority country	:Israel
(86) International Application No Filing Date	:PCT/IL2013/050962 :24/11/2013
(87) International Publication No	:WO 2014/087397
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ELTA SYSTEMS LTD.
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(72)**Name of Inventor :**
1)MAYDAR Yaniv
2)JOSEPH Yohai

(57) Abstract :
An integrated circuit device and a method of fabricating the same are presented. The integrated circuit device (1) includes two or more active components (30a 30b) possibly fabricated by different semiconductor technologies and an interposer structure (10) adapted for carrying the two or more active components such that at least one of the active components is carried on a top surface of the interposer structure. The integrated circuit device also includes at least one metal cap (40) furnished on the top surface of the interposer structure and encapsulating at least one of the active components. Some variants of the integrated circuit device of the invention are suited for operation under extreme conditions.

No. of Pages : 55 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1160/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMERIC FILM FOR AGRICULTURAL PRODUCT STORAGE CONTAINERS MADE THEREFROM AND RELATED METHODS OF AGRICULTURAL PRODUCT STORAGE

(51) International classification :A61F13/00,A61K9/70
(31) Priority Document No :61/724804
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069446
Filing Date :11/11/2013
(87) International Publication No :WO 2014/074992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :406 W. Oliver Street St. Marys OH 45885 U.S.A.
(72)**Name of Inventor :**
1)DOVE Rachel

(57) Abstract :
The present invention includes polymeric laminate materials containers made from same and methods for the storage of agricultural products and the like.

No. of Pages : 66 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015
(21) Application No.1161/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR COMMUNICATING MEDIA INFORMATION IN MULTIMEDIA COMMUNICATION SYSTEM

(51) International classification :H04N21/2387,H04N21/431
(31) Priority Document No :1020120113841
(32) Priority Date :12/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009150
Filing Date :14/10/2013
(87) International Publication No :WO 2014/058284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RYU Young Sun
2)KIM Kyu Heon
3)JO Minwoo
4)SONG Jae Yeon
5)RHYU Sung Ryeul
6)PARK Gwang Hoon
7)SUH Doug Young

(57) Abstract :
A method for sending media information by a first terminal in a multimedia communication system is provided. The method includes generating scene configuration information that includes information regarding at least one medium of multiple media and sending the scene configuration information to a second terminal wherein the information regarding the at least one medium includes at least one of information indicating whether to allow reproduction of the at least one medium in the second terminal resource information used to reproduce the at least one medium position information used to reproduce the at least one medium on a screen and reproduction time information for the at least one medium.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1312/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A POSITIONING REFERENCE SIGNAL IN A COMMUNICATION SYSTEM UTILIZING A MULTIPLE TRANSMIT ANTENNA CONFIGURATION

(51) International classification :H04W64/00
(31) Priority Document No :61/745742
(32) Priority Date :24/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071764
Filing Date :25/11/2013
(87) International Publication No :WO 2014/105324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GAAL Peter
3)EDGE Stephen William
4)MIRBAGHERI Arash
5)JI Tingfang
6)OPSHAUG Guttorm R.

(57) Abstract :
A method of providing Observed Time Difference of Arrival (OTDOA) assistance information to a mobile station is disclosed. In some embodiments the OTDOA assistance information may comprise Positioning Reference Signal (PRS) assistance information including antenna switching assistance information for at least one cell. In one embodiment the method may be implemented on a location server for the cell.

No. of Pages : 69 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1313/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMER STRUCTURED AQUEOUS DETERGENT COMPOSITIONS

(51) International classification :C11D1/02,C11D3/37
(31) Priority Document No :PCT/CN2012/085563
(32) Priority Date :29/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/073935
Filing Date :15/11/2013
(87) International Publication No :WO 2014/082874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LIMER Adam John
3)RYAN Philip Michael
4)THOMAS Matthew Rhys

(57) Abstract :
1121213183455130222222226n24624364866678408408402402408807An aqueous polymer structured detergent liquid composition comprising: (i) a surfactant system comprising surfactant and alkaline material present as surfactant salts and/or as free base (ii) optionally 0.01 wt% or more suspended particles (iii) optionally 3 wt% or more polymer that reduces the composition viscosity at 20 s and (iv) at least 0.05 wt% of a suspending system comprising copolymer formed by the addition polymerisation of: (A) 0.1 to 5 wt% of a first monomer consisting of an ethylenically unsaturated diacid of formula (I): HOOC CR=CR COOH or an unsaturated cyclic anhydride precursor of such an ethylenically unsaturated diacid the anhydride having formula (II) where R and R are individually selected from H C C alkyl phenyl chlorine and bromine; (B) 15 to 60 wt% of a second ethylenically unsaturated monoacidic monomer consisting of (meth)acrylic acid; (C) 30 to 70 wt% of a third ethylenically unsaturated monomer consisting of C C alkyl ester of (meth)acrylic acid; (D) 1 to 25 wt% of a fourth ethylenically unsaturated monomer consisting of surfmer of formula (III) wherein each R and R are each independently selected from H methyl C(=O)OH or C(=O)OR; R is a C C alkyl; T is CH2C(=O)O C(=O)O O CHO NHC(=O)NH C(=O)NH Ar (CE) NHC(=O)O Ar (CE) NHC(=O)NH or CHCHNHC(=O) ; Ar is divalent aryl; E is H or methyl; z is 0 or 1; k is an integer in the range of 0 to 30; and m is 0 or 1; with the proviso that when k is 0 m is 0 and when k is in the range of 1 to 30; m is 1; (RO) is polyoxyalkylene which is a homopolymer a random copolymer or a block copolymer of C C oxyalkylene units wherein R is CH CH CH or a mixture thereof and n is an integer in the range of 5 to 250;Y is RO R C(=O) C(=O)NH =RNHC(=O)NH or C(=O)NHC(=O) ; and R is substituted or unsubstituted alkyl selected from the group consisting of C C linear alkyl C C branched alkyl C C carbocyclic alkyl C C alkyl substituted phenyl aryl substituted C C alkyl and C C complex ester; wherein the R alkyl group optionally comprises one or more substituents selected from the group consisting of hydroxy alkoxy and halogen; and (E) 0.005 to 5 wt% of a cross linking agent for introducing branching and controlling molecular weight the cross linking monomer comprising polyfunctional units carrying multiple reactive functionalisation groups selected from the group consisting of vinyl allyl and functional mixtures thereof.

No. of Pages : 45 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015

(21) Application No.1242/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 6 ((S) 1 {1 [5 (2 HYDROXY ETHOXY) PYRIDIN 2 YL] 1*H* PYRAZOL 3 YL} ETHYL) 3*H* 1 3 BENZOTHIAZOL 2 ONE AS A TARP GAMMA 8 DEPENDENT AMPA RECEPTOR ANTAGONIST

(51) International classification	:C07D417/14,A61K31/4439,A61P25/08
(31) Priority Document No	:61/730273
(32) Priority Date	:27/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/070885 :20/11/2013
(87) International Publication No	:WO 2014/085153
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)PORTER Warren Jaye
3)WITKIN Jeffrey Michael

(57) Abstract :
A TARP8 dependant AMPA receptor antagonist of the formula: (I) its pharmaceutically acceptable salts uses and methods for its preparation are described.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015
(21) Application No.1243/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLAKY MEDIUM PROCESSING SYSTEM AND METHOD FOR DETECTING REAL TIME POSITION OF FLAKY MEDIUM

(51) International classification :G06M7/06,B65H7/20
(31) Priority Document No :201210438773.9
(32) Priority Date :06/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/077871
Filing Date :25/06/2013
(87) International Publication No :WO 2014/071739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAO Ping

(57) Abstract :
A flaky medium processing system and a method for detecting a real time position of a flaky medium. Multiple detection positions are arranged in a medium transfer channel of the flaky medium processing system and one position sensor is arranged at each detection position for detecting arrival and departure events of the flaky medium in the detection position; and the flaky medium processing system and the method are characterized in that the position sensor arranged at the first detection position along the movement direction of the flaky medium is provided with at least three scattered detection points each detection point outputs an independent output signal and each detection point is configured with two timers for obtaining a time attribute of an output signal of each detection point; and the position sensor arranged at each of other detection positions is configured with one timer for obtaining the time attribute of the output signal of the common position sensor.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1320/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI COMPONENT ENCAPSULATED REACTIVE FORMULATIONS

(51) International classification :A61K8/11,A61K8/19,B01J13/02
(31) Priority Document No :61/719158
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/052800
Filing Date :25/10/2013
(87) International Publication No :WO 2014/064464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Denby Hall Way Denby Derbyshire DE5 8JZ U.K.
(72)**Name of Inventor :**
1)HINES John David
2)BINKS Bernard Paul
3)GRASCHA Pierre Bruno

(57) Abstract :
The present invention provides a multi component encapsulated reactive formulation comprising a mixture of two or more dry powder components where each dry powder component is formed from a phase inversion process involving vigorous mixing. The dry powder is stabilized by hydrophobic colloidal particles which assist in generating stable dry water microdroplets. One dry powder component comprises hydrophobic colloidal particles encapsulating microdroplets comprising an aqueous solution of one reactant and the at least one other dry powder component comprises hydrophobic colloidal particles encapsulating microdroplets comprising an aqueous solution of another reactant. When the encapsulated formulation is agitated such that the encapsulates are broken the encapsulates rupture and the two aqueous solutions undergo a reaction upon contact.

No. of Pages : 36 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1322/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE PROCESSING APPARATUS IMAGE PROCESSING METHOD AND PROGRAM

(51) International classification :H04N5/232
(31) Priority Document No :2013038795
(32) Priority Date :28/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000197
Filing Date :16/01/2014
(87) International Publication No :WO 2014/132548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KINOSHITA Masaya

(57) Abstract :
An information processing apparatus may include a control device. The control device may generate display data including a main image for display in a first area of a display area and a list of candidate images for display in a second area of the display area at a same time the main image is displayed in the first area wherein the candidate images are extracted from and represent respective objects in the main image. Also the control device may receive an input from a user to select one candidate image from the list wherein the display data is generated based on selection of the one candidate image.

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015

(21) Application No.1247/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD BASE STATION AND USER EQUIPMENT FOR TRANSMITTING DATA

(51) International classification :H04W16/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084506
Filing Date :13/11/2012
(87) International Publication No :WO 2014/075210
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZENG Qinghai
3)HUANG Qufang

(57) Abstract :
Embodiments of the present invention provide a method a base station and a user equipment for transmitting data. The method comprises: a first base station generating a downlink radio link control (RLC) protocol data unit (PDU); and the first base station sending a first part of downlink RLC PDU in the downlink RLC PDU to the user equipment (UE) and sending a second part of downlink RLC PDU in the downlink RLC PDU to a second base station so that the second base station sends the second part of downlink RLC PDU to the UE. In the embodiments of the present invention the first base station sends the first part of downlink RLC PDU in the downlink RLC PDU to the UE and sends the second part of downlink RLC PDU in the downlink RLC PDU to the second base station and then the second base station sends the second part of downlink RLC PDU to the UE enabling the first base station and the second base station to send data to the UE at the same time and therefore improving a peak rate and a throughput of the UE.

No. of Pages : 179 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1249/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR CLASSIFICATION OF AUDIO ENVIRONMENTS

(51) International classification	:G10L17/00,H04M1/725,G10L15/065
(31) Priority Document No	:61/726493
(32) Priority Date	:14/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/066889 :25/10/2013
(87) International Publication No	:WO 2014/078060
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Systems and methods for classification of audio environments are disclosed. In one embodiment a method of classifying an audio environment comprises sampling the audio environment to obtain sampled audio data in accordance with a first time interval computing features of the sampled audio data inferring an audio cluster identifier from the features of the sampled audio data in accordance with a second time interval and updating an audio environment model using the features of the sampled audio data in accordance with a third time interval.

No. of Pages : 38 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015
(21) Application No.1325/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ASSOCIATING A POINT CLOUD IMAGE WITH A PIPING LINE DRAWING AND APPLYING DIMENSIONS REGARDING THE SAME

(51) International classification :G06T19/00,G06F17/50
(31) Priority Document No :61/754199
(32) Priority Date :18/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012027
Filing Date :17/01/2014
(87) International Publication No :WO 2014/113657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EDWARDS James
2)MYALL David

(57) Abstract :
A method for creating a line drawing associated with a point cloud provides a line drawing representing a three dimensional object and a point cloud of the same. The line drawing has line drawing coordinate data and the point cloud has point cloud coordinate data. The point cloud also has point cloud distance data of the three dimensional object. The method also associates the line drawing coordinate data with the point cloud coordinate data. Further the method uses the associated coordinate data to apply the point cloud distance data to the line drawing.

No. of Pages : 47 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1326/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR THE OXIDATIVE DEHYDROGENATION OF N BUTENES INTO BUTADIENE

(51) International classification :C07C5/48
(31) Priority Document No :12195858.1
(32) Priority Date :06/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075456
Filing Date :04/12/2013
(87) International Publication No :WO 2014/086815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRNE Philipp
2)RTTINGER Wolfgang
3)WALSDORFF Christian

(57) Abstract :
The invention relates to a method for the oxidative dehydrogenation of n butenes into butadiene comprising at least two production steps (i) and at least one regeneration step (ii) in which method (i) in a production step a starting gas mixture containing n butenes is mixed with a gas containing oxygen and in a fixed bed reactor is brought in contact with a multi metal oxide catalyst which is arranged in a catalyst fixed bed and contains at least molybdenum and one additional metal in a catalyst fixed bed and (ii) in a regeneration step the multi metal oxide catalyst is regenerated by conducting a regeneration gas mixture containing oxygen over the catalyst fixed bed and burning off the carbon deposited on the catalyst a regeneration step (ii) being performed between two production steps (i) characterized in that the at least two production steps (i) are performed at a temperature of at least 350 °C and the at least one regeneration step (ii) is performed at a temperature that lies at most 50 °C above the temperature at which the preceding production step (i) was performed.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1259/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERMAL ENERGY STORAGE SYSTEM COMPRISING A COMBINED HEATING AND COOLING MACHINE AND A METHOD FOR USING THE THERMAL ENERGY STORAGE SYSTEM

(51) International classification :F28D20/00,F24H4/04
(31) Priority Document No :12512414
(32) Priority Date :01/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051283
Filing Date :01/11/2013
(87) International Publication No :WO 2014/070098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PILEBRO Hans
2)STRAND Tobias
3)VESTIN Rasmus

(57) Abstract :
The present invention relates to a thermal energy storage system comprising an energy storage (2) having a vertical temperature gradient and an internal combined heating and cooling machine (15). The internal combined heating and cooling machine (15) is adapted for retrieving energy having a first temperature from the energy storage while simultaneously returning heated energy having a second higher temperature and cooled energy having a third lower temperature. The invention also relates to a method for using the thermal energy storage system.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1333/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS OF RESOURCE ALLOCATION OR RESOURCE RELEASE

(51) International classification :H04L12/24,H04W72/10
(31) Priority Document No :13/689132
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/002603
Filing Date :21/11/2013
(87) International Publication No :WO 2014/083399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A method of resource allocation by a resource controlling device includes receiving from a sending device a list of resource devices requested by a resource requesting device. Allocation of a first resource device on the list of resource devices is performed. A list of remaining resource devices is sent to a next resource controlling device if the first resource device on the list of resource devices is successfully allocated for the resource requesting device and the first resource device is not a last resource device on the list of resource devices. An allocation failure message is sent to the sending device if the first resource device on the list of resource devices is not successfully allocated for the resource requesting device.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1334/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSPARENT SUBSTRATE IN PARTICULAR A GLASS SUBSTRATE COATED WITH AT LEAST ONE AT LEAST BIFUNCTIONAL POROUS LAYER MANUFACTURING METHOD AND USES THEREOF

(51) International classification :C03C1/00,C03C17/00,C04B41/50
(31) Priority Document No :1262959
(32) Priority Date :28/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053219
Filing Date :20/12/2013
(87) International Publication No :WO 2014/102493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOURGEAT LAMI Elodie
3)GUILLEMOT Fran§ois

(57) Abstract :
The invention relates to a transparent glass ceramic or vitroceramic substrate coated with a functional layer or with a stack of at least two functional layers said functional layer or at least one of said functional layers of the stack being porous and made of an inorganic material M1 characterised in that the or at least one of the porous functional layers of inorganic material M1 has on the surface of at least a portion of the pores thereof at least one inorganic material M2 other than M1.

No. of Pages : 26 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015
(21) Application No.1335/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR COHERENT PROCESSING OF SIGNALS OF A PLURALITY OF PHASED ARRAYS

(51) International classification :H04R3/02,H04R3/04
(31) Priority Document No :223619
(32) Priority Date :13/12/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050967
Filing Date :25/11/2013
(87) International Publication No :WO 2014/091475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Systems and methods are presented for utilizing two or more phased arrays to coherently receive and/or transmit waveforms to one or more directions. The method includes applying a first and a second coherent processing to two or more sets of signal portions being received or transmitted by corresponding two or more phased arrays. In reception mode of operation the first coherent processing includes converting the sets of signal portions being received into corresponding sets of directional signals by applying coherent integrations to each set of the sets of signals portions such that each of the resulting directional signals being indicative of the angular frequencies (directions) amplitudes and phases of the received waveforms. Further in the reception mode of operation the second coherent processing includes adjusting phases of respectively the sets of the directional signals in accordance with spatial dispositions between their respective phased arrays and the angular frequencies of the directional signals and thereby generating a coherent set of directional signals thus allowing using the two or more phased arrays for coherently receiving one or more waveforms propagating in one or more directions with improved gain. Also presented are systems and methods for operating in transmission mode for utilizing two or more phased arrays to coherently transmit one or more waveforms with improved gain.

No. of Pages : 84 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2015
(21) Application No.1187/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF OBTAINING IMAGE AND PROVIDING INFORMATION ON SCREEN OF MAGNETIC RESONANCE IMAGING APPARATUS AND APPARATUS THEREOF

(51) International classification :A61B5/055
(31) Priority Document No :1020120116072
(32) Priority Date :18/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005845
Filing Date :02/07/2013
(87) International Publication No :WO 2014/061896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An MRI method includes detecting movement of an object while a protocol is executed to capture an image of a region of the object and outputting information indicating occurrence of the movement based on a value of a movement amount.

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1265/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DENTAL IMPLANT

(51) International classification :A61C8/00
(31) Priority Document No :201201259
(32) Priority Date :12/07/2012
(33) Name of priority country :EAPO
(86) International Application No :PCT/BY2013/000003
Filing Date :06/05/2013
(87) International Publication No :WO 2014/008570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOSTA Anatoli D.
2)HALAUKO Aliaksandr I.

(57) Abstract :
The invention refers to dentistry in particular to the group of dental implants intended for the two step implantation in the alveolar process. The aim of the invention claimed is to protect reliably the implantation area from ingress of the infection from the oral cavity due to the tight connection of the precervical side of the implant with the periodontal tissue. The set aim is achieved in the dental implant with the support to fix the dental prosthesis and the screw part for installation in the bone tissue as well as with the ring head located between the dental prosthesis support and the screw part made from the porous three dimensional structure of the polymeric material and intended for ingrowth of the gum tissues by means of the fact that the mentioned ring head is equipped with the reinforcing element made as a hollow body of revolution with apertures and located over the ring head.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015
(21) Application No.1266/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HERBAL COMPOSITION FOR THE PREVENTION AND TREATMENT OF TNF A MEDIATED DISEASES

(51) International classification :A61K36/28,A61P9/10
(31) Priority Document No :61/717131
(32) Priority Date :23/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/059538
Filing Date :22/10/2013
(87) International Publication No :WO 2014/064609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)THOMAS Becky M.
4)TRIVEDI Jacqueline Vinodkumar
5)SREENIVASAN Jayasree
6)JADHAV Mahesh G.

(57) Abstract :
The present invention relates to a herbal composition for use in the prevention or treatment of a disease mediated by TNF a. The present invention also provides a method for the preparation of the herbal composition and methods for using such herbal composition.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015

(21) Application No.1267/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STORAGE SYSTEM FOR STORING OBJECTS OF PLASTIC MATERIAL PROCESSED IN A BOTTLING LINE

(51) International classification :B65G47/51,B65G1/137
(31) Priority Document No :PCT/IB2012/056922
(32) Priority Date :03/12/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/IB2013/054512
Filing Date :31/05/2013
(87) International Publication No :WO 2014/087258
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARASTONI Daniele

(57) Abstract :
A storage system for storing objects of plastic material processed in a bottling line (45) comprises: a plurality of drawers (4) configured to contain groups of objects (5); a frame (2) which defines a plurality of compartments (3) configured to house the drawers (4); a conveyor (8) movable in the storage system (1) itself and configured to access the compartments (3) in such a way as to withdraw and place drawers (4) from and into the compartments (4); a loading bay (11) having one or more loading compartments for receiving corresponding drawers (4) and having a loading manipulator (28) configured to place in the drawers (4) the loose objects (5) received from an infeed conveyor (29); an unloading bay (12) having at least one unloading compartment for receiving a corresponding drawer (4) and having an unloading manipulator (41) configured to place onto an outfeed conveyor (43 44) the loose objects (5) stored in the drawer (4).

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2015
(21) Application No.1341/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING AND/OR MONITORING THE AIRTIGHTNESS OF AN ENCLOSED ROOM

(51) International classification :A62C35/58,A62C99/00,G01M3/26
(31) Priority Document No :12190439.5
(32) Priority Date :29/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/068128
Filing Date :03/09/2013
(87) International Publication No :WO 2014/067694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EBERLEIN Anselm

(57) Abstract :
The invention relates to a method for determining and/or monitoring the airtightness of an enclosed room (2) which is equipped with an oxygen reducing system (1) and in the atmosphere of which at least one oxygen content that can preferably be determined in advance and is reduced in comparison to the normal surrounding air can be set and maintained in order to prevent and/or extinguish fires by introducing an oxygen displacing gas. The oxygen reducing system (1) has a compressor system (4; 4.1 4.2) for compressing an initial gas mixture and a gas separation system (3; 3.1 3.2) downstream of the compressor system (4; 4.1 4.2) for separating at least one part of the oxygen contained in the initial gas mixture and for providing a nitrogen enriched gas which is supplied to the enclosed room (2). The differential pressure set in the room (2) is ascertained and compared to a corresponding reference value whereby information regarding the airtightness of the room (2) is provided.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1257/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE SEPARATION OF IRON IN EXTRACTION OF TITANIUM IN MIXED CHLORIDE MEDIA

(51) International classification :C22B3/10,C22B3/22,C22B3/26
(31) Priority Document No :61/733033
(32) Priority Date :04/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000996
Filing Date :29/11/2013
(87) International Publication No :WO 2014/085903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SRIDHAR Ramamritham
3)PATEL Dipak

(57) Abstract :
A process for leaching a value metal from a titaniferous ore material comprising the step of leaching the ore material at atmospheric pressure with a lixiviant comprising magnesium chloride and hydrochloric acid is disclosed. Iron and titanium are leached into solution. Iron in the ferric state may be separated from titanium in solution using extraction with alkyl ketone. More effective separation of titanium with lower contamination with iron is obtained.

No. of Pages : 29 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1336/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR WIRELESS PAIRING AND COMMUNICATION FOR ELECTROSTIMULATION

(51) International classification :H04W4/20,A61N1/372
(31) Priority Document No :61/725190
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069546
Filing Date :12/11/2013
(87) International Publication No :WO 2014/075034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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3)VUADENS Philippe
4)FONTAINE Nicolas

(57) Abstract :
The disclosure herein is directed toward systems and methods for pairing two or more devices into a wireless network and transferring data between two or more electro stimulation devices. Specifically the systems and methods disclosed herein may include pairing two or more devices into a network configuration using in part a pairing device to distinctly identify the devices to be paired and to pair the identified devices into a network. Moreover the systems and methods disclosed herein may include transferring data between two or more devices using in part one or more electro stimulation contacts for electro stimulation therapy and using in part the same one or more electro stimulation contacts for transferring data between two or more devices.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1337/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MANUFACTURING METHOD FOR ZINC PLATED STEEL SHEET

(51) International classification :C23C22/07,C23C22/83,C23C28/00
(31) Priority Document No :2013005389
(32) Priority Date :16/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000104
Filing Date :14/01/2014
(87) International Publication No :WO 2014/112347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAIRA Shoichiro
3)TANIMOTO Wataru
4)NAGOSHI Masayasu

(57) Abstract :
Provided is a manufacturing method for a zinc plated steel sheet having little friction resistance during press formation and exhibiting excellent degreasing properties even in harsh alkali degreasing conditions in which the temperature is low and line length is short. An oxide layer formed on the surface of a zinc plated steel sheet is subjected to a neutralization process using an alkaline aqueous solution comprising at least 0.01g/L of P ions and at least 0.01g/L of colloidal dispersion particles. It is preferable that the alkaline aqueous solution comprises at least one kind of phosphorus compound selected from phosphate pyrophosphate and triphosphate and at least one kind of colloidal dispersion particle selected from Ti silica Pt Pd Zr Ag Cu Au and Mg.

No. of Pages : 51 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1338/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEASURING PARAMETERS OF PARTICULATE MATERIAL

(51) International classification :B07C5/36,B07C5/342
(31) Priority Document No :1219519.4
(32) Priority Date :30/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/072584
Filing Date :29/10/2013
(87) International Publication No :WO 2014/067932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)READ Philip
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(57) Abstract :
An apparatus for appraising gemstones the apparatus comprising: a measurement cell comprising at least one sensor and a measurement location the at least one sensor being arranged to measure one or more parameters of a gemstone when the gemstone is located at the measurement location; and a transportation means for transporting the gemstone to the measurement location; wherein the transportation means is configured to cause or allow the gemstone to be stationary at the measurement location whilst the at least one sensor measures one or more parameters of the gemstone.

No. of Pages : 47 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2015

(21) Application No.1189/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS POWER TRANSMITTERS AND RECEIVERS AND METHOD FOR PERMITTING A WIRELESS POWER RECEIVER BY A WIRELESS POWER TRANSMITTER

(51) International classification :H02J17/00
(31) Priority Document No :1020120116392
(32) Priority Date :19/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008992
Filing Date :08/10/2013
(87) International Publication No :WO 2014/061935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIM Ho Dong
3)LEE Kyung Woo
4)BYUN Kang Ho
5)JUNG Hee Won

(57) Abstract :
An apparatus and method are provided for permitting a wireless power receiver to be charged by a wireless power transmitter. The method includes generating a Power Receiving Unit (PRU) control signal including permission information indicating charging permission for the wireless power receiver; and transmitting the PRU control signal to the wireless power receiver.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015
(21) Application No.1268/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISTRIBUTED MONITORING SYSTEM AND WASTE MANAGEMENT SYSTEM AND METHOD

(51) International classification	:H04W 24/00, B65F1/14,G06Q50/28
(31) Priority Document No	:2012904655
(32) Priority Date	:23/10/2012
(33) Name of priority country	:Australia
(86) International Application No Filing Date	:PCT/AU2013/001184 :14/10/2013
(87) International Publication No	:WO 2014/063184
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)LUXFORD Len

(57) Abstract :
A monitoring system comprises a plurality of monitoring stations disposed in or associated with a respective rubbish bin housing or surround. Each monitoring station comprising an identifier a sensor for monitoring the bin or a detectable quality of the environment in which the bin is located a processor for receiving a signal from the sensor and a transmitter for transmitting the signal.

No. of Pages : 35 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015

(21) Application No.1269/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEAT EXCHANGER STRUCTURE

(51) International classification :F28D7/02,F28G9/00
(31) Priority Document No :201210432100.2
(32) Priority Date :02/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/000307
Filing Date :18/03/2013
(87) International Publication No :WO 2014/067223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZHANG Xianan
2)WANG Jianliang
3)HU Xingmiao
4)LIU Lijiang
5)WU Lijun

(57) Abstract :
A heat exchanger structure comprises a closed shell (1) and multiple heat exchange pipes (3) provided in the shell. The two ends of each heat exchange pipe are limited on a first pipe sheet and a second pipe sheet (13) respectively and the first pipe sheet and the second pipe sheet are provided in the shell in parallel. Each heat exchange pipe forms a multi layer helical tube the layers of the helical tube are successively and mutually sleeved at a spacing a first air pipe (4) is codirectionally spiraled and coiled in each layer of the helical tube the pipe wall facing the bottom of the shell of each first air pipe is distributed with multiple first gas vents (41) and the gas inlet and the gas outlet of each first gas vent both communicate with the external gas source. By using the heat exchange structure the fluid in the shell can be completely disturbed from the inside; and even if the fluid medium is dirty and sticky and even the inter tube spacing and inter layer spacing are both compact the fluid medium can also be stirred toward evenness thereby effectively avoiding that the fluid is deposited in the shell enhancing the heat transfer efficiency improving the heat exchange effect and facilitating the cleaning purging and maintenance of the device.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1347/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELF ALIGNING PISTON AND MANUFACTURE METHOD THEREOF

(51) International classification :F01P1/00,F16J1/24
(31) Priority Document No :13/650697
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064534
Filing Date :11/10/2013
(87) International Publication No :WO 2014/059272
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LANDRUM Michael T.
3)COOPER James Ervin

(57) Abstract :
A piston assembly is provided. The piston assembly may include: a piston rod; a piston pivotally connected to the piston rod; and a rotatable rod bearing configured to allow the piston rod to pass therethough and rotate along with the piston rod as the piston rod pivots with respect to the piston. A method of making a piston assembly may be provided. The method may include: attaching a piston rod to a piston in a pivoting connection; providing a rotatable bearing for the piston rod; and supporting the piston rod with the rotatable bearing.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015

(21) Application No.1182/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC DEVICE AND COIL MODULE

(51) International classification	:H01Q7/06,G06K19/07,G06K19/077
(31) Priority Document No	:2012230267
(32) Priority Date	:17/10/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/078084 :16/10/2013
(87) International Publication No	:WO 2014/061702
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)ORIHARA Katsuhisa
2)SAITO Norio
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4)RYOSON Hiroyuki
5)KANNO Masayoshi

(57) Abstract :
An electronic device is provided with a built in coil module that exhibits good communication characteristics. The coil module (1) of the electronic device having said coil module (1) built thereinto comprises a loop coil (5) that is wound so as to have a planar shape and a magnetic sheet (4) that is formed from a magnetic material so as to have a sheet shape that overlaps with one portion of the loop coil (5). The magnetic sheet (4) is arranged on at least one side of the loop coil (5) from the center thereof.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1262/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR OPERATING AN ARRANGEMENT FOR STORING THERMAL ENERGY

(51) International classification :F28D20/00,B65G5/00
(31) Priority Document No :12512414
(32) Priority Date :01/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051281
Filing Date :01/11/2013
(87) International Publication No :WO 2014/070096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PILEBRO Hans
2)STRAND Tobias

(57) Abstract :
1221The invention relates to a method for operating an arrangement (1) for storing thermal energy. The arrangement (1) comprises an energy storage (2) having a temperature gradient. The method comprises retrieving energy of a first temperature (T) from the energy storage (2) for use in a first heat absorbing system (3) such that free space is created in the energy storage (2) for energy of a second temperature (T). The second temperature (T) is higher than the first temperature (T).

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2015

(21) Application No.1263/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOZZLE FOR DISTRIBUTION OF A FLUID

(51) International classification :B05B1/14,B05B1/26,F28D20/00
(31) Priority Document No :12512406
(32) Priority Date :01/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051282
Filing Date :01/11/2013
(87) International Publication No :WO 2014/070097
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STRAND Tobias

(57) Abstract :
3The present invention relates to a nozzle (100) for distribution of a fluid having a speed. The nozzle (100) defines a plurality of flow passages (150 160 170) at least one of the plurality of flow passages (150 160 170) is a central flow passage (160) and at least a first and a second of the plurality of flow passages (150 160 170) are outer flow passages (150 170). The outlets (152 172) of the outer flow passages (150 170) are arranged on either side of the outlet (162) of the central flow passage (160). The second outer flow passage (170) has an inlet area (235) which is smaller than an outlet area (a). A central axis of the inlets (210 220 230) is substantially perpendicular to a central plane of the outlets (152 162 172).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1344/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUPERCRITICAL FLUID CLEANING OF BANKNOTES AND SECURE DOCUMENTS

(51) International classification :B08B3/04
(31) Priority Document No :61/721296
(32) Priority Date :01/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/058775
Filing Date :09/09/2013
(87) International Publication No :WO 2014/070307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAWANDY Nabil M.

(57) Abstract :
A method and system for cleaning a secure instrument such as a banknote including a substrate visual data and a security feature including exposing the secure instrument to a supercritical fluid at a temperature and a pressure and for a duration sufficient to clean the substrate and not compromise the security feature and the visual data wherein to clean the substrate includes to remove one or more substances from the substrate into the supercritical fluid. The substances removed from the substrate may include contaminants dirt sebum and pathogens.

No. of Pages : 55 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015
(21) Application No.1345/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING ENCODING MODE METHOD AND APPARATUS FOR ENCODING AUDIO SIGNALS AND METHOD AND APPARATUS FOR DECODING AUDIO SIGNALS

(51) International classification :G10L19/005,G10L19/04
(31) Priority Document No :61/725694
(32) Priority Date :13/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/010310
Filing Date :13/11/2013
(87) International Publication No :WO 2014/077591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)POROV Anton Victorovich
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4)LEE Nam suk

(57) Abstract :
Provided is a method for determining an encoding mode comprising the steps of: determining one of a plurality of encoding modes including a first encoding mode and a second encoding mode as an initial encoding mode of the current frame in correspondence to the characteristics of an audio signal; and modifying if an error exists in the determination of the initial encoding mode the initial encoding mode into a third encoding mode so as to generate a modified encoding mode.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1196/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR ENHANCED MOBILE POWER MANAGEMENT

(51) International classification :H04W52/00
(31) Priority Document No :PCT/CN2012/085849
(32) Priority Date :04/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081178
Filing Date :09/08/2013
(87) International Publication No :WO 2014/086168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHU Xipeng
3)PICA Francesco
4)KAPOOR Rohit
5)SAMBHWANI Sharad Deepak
6)JOOTAR Jittra

(57) Abstract :
Methods and apparatus for power management in a wireless communication network include identifying a user equipment (UE) configuration as a stationary extra long battery device configuration. Further the methods and apparatus include receiving a measurement threshold adjustment message. Moreover the methods and apparatus include adjusting an idle mode cell measurement threshold based on the measurement threshold adjustment message.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015
(21) Application No.1275/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VEHICLE DATA COLLECTION SYSTEM VEHICLE DATA COLLECTION METHOD VEHICLE MOUNTED DEVICE PROGRAM AND RECORDING MEDIUM

(51) International classification :G08G1/01,G08G1/13
(31) Priority Document No :2012254100
(32) Priority Date :20/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080521
Filing Date :12/11/2013
(87) International Publication No :WO 2014/080796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HYODO Junichi

(57) Abstract :
This invention is provided with: a vehicle mounted device (110) for transmitting data pertaining to the vehicle itself the vehicle mounted device (110) being provided to the vehicle (V); and a vehicle data collection device (130) for collecting data pertaining to the vehicle (V). The vehicle mounted device (110) has a vehicle data transmission unit for transmitting first vehicle data that includes information designed to specify the individual relating to the vehicle itself and second vehicle data that includes information not designed to specify the individual relating to the vehicle itself the data being the data pertaining to the vehicle itself and the first vehicle data and the second vehicle data being transmitted to the vehicle data collection device (130) in mutually different sessions.

No. of Pages : 107 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1351/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERMAL SENSING SYSTEM

(51) International classification :G01K1/14,G01K1/08
(31) Priority Document No :61/731927
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069465
Filing Date :11/11/2013
(87) International Publication No :WO 2014/085071
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HICKEY Michael James

(57) Abstract :
A temperature measurement system for a gasifier may employ a first stage gasifier with a refractory wall that defines a first stage gasifier volume. A protruding refractory brick may protrude from the first stage refractory wall and into a gaseous flow path of the first stage gasifier volume. The temperature sensor may reside completely through the refractory wall which may be a plurality of brick layers except for a tip end of a temperature sensor that may reside in a blind or non through hole within the protruding refractory brick. The protruding refractory brick protrudes beyond a normal wall surface of the plurality of brick layers that defines the first stage gasifier volume. The protruding refractory brick may have a face that forms an angle that is not 90 degrees such as 45 degrees relative to the gaseous flow path of the fluid stream through the first stage gasifier volume.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1352/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROLLER SHUTTER HAVING A DOOR LEAF IN THE FORM OF A FLEXIBLE CURTAIN

(51) International classification :E06B9/13,E06B9/58,E06B9/62
(31) Priority Document No :10 2012 111 611.3
(32) Priority Date :29/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/067473
Filing Date :22/08/2013
(87) International Publication No :WO 2014/082764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DOLINÅ EK Marko
3)MAZEJ Andrej

(57) Abstract :
The invention relates to a roller shutter (100) in particular a high speed roller shutter having: a door leaf (110) in the form of a flexible curtain lateral guides in which lateral edges of the door leaf (110) are received and a drive (140) which generates a driving force for driving the door leaf (110) wherein the door leaf (110) has an elastically designed terminating element (112) on a forward edge which tensions the lateral guides by means of laterally attached transverse force components. Said roller shutter (100) is in particular characterized in that the driving force of the drive (140) engages on the terminating element (112) of the door leaf (110) and provides the laterally attached transverse force components for tensioning the terminating element (112) of the door leaf (110) and a tension force component substantially directed in the movement direction of the door leaf (110) for closing the door leaf (110). An improved roller shutter (100) is thus achieved which has high operational reliability and represents less danger to people or objects in cases of collision.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015

(21) Application No.1272/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROVIDING AND UTILIZING MAPS IN LOCATION DETERMINATION BASED ON RSSI AND RTT DATA

(51) International classification :G01S5/02,G01S5/14,G01S13/87
(31) Priority Document No :13/707484
(32) Priority Date :06/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073739
Filing Date :06/12/2013
(87) International Publication No:WO 2014/089531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AGGARWAL Alok
3)NAGUIB Ayman Fawzy
4)SRIDHARA Vinay
5)HARDIE Edward Thomas Lingham

(57) Abstract :
The subject matter disclosed herein relates to utilizing location information such as maps in location determination based on Received Signal Strength Indication (RSSI) and Round Trip Time (RTT) data. Weighting information can be determined from and/or provided in the location information. The weighting information associated with an area in which a mobile device is located can impact how RSSI and RTT data is weighted in a calculation of the mobile devices location.

No. of Pages : 73 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015
(21) Application No.1273/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR USING USER ENGAGEMENT TO PROVIDE CONTENT PRESENTATION

(51) International classification :H04N21/4415,H04N21/442,H04N21/45
(31) Priority Document No :13/688212
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070831
Filing Date :19/11/2013
(87) International Publication No :WO 2014/085145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIES Jonathan K.
3)BEITH Scott

(57) Abstract :
A method an apparatus and a computer program product for communication are provided. A content providing device is operable to use engagement level information to modify presentation of content. In one aspect the content providing device may determine that an engagement level at a first time is less than an engagement threshold at the first time. The engagement level may be based at least on one or more contextual items associated with presentation of content by the content providing device. Further the content providing device may store a marker associated with the content at the first time in storage. Moreover the content providing device may determine whether the engagement level at a second time is greater than or equal to the engagement threshold.

No. of Pages : 52 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1355/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTENT DELIVERY SYSTEM WITH AUGMENTED REALITY MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :G06Q50/10
(31) Priority Document No :13/780497
(32) Priority Date :28/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/001144
Filing Date :12/02/2014
(87) International Publication No :WO 2014/133272
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DHANASARNSOMBAT Dhana
3)BUSSE Daniela Karin
4)BEGOLE James M.A.

(57) Abstract :
A content delivery system includes: a registration module configured to identify a registration type for calibrating a current location of a device; a tracker module coupled to the registration module configured to track a subject of interest based on a context; a source module coupled to the tracker module configured to determine an information source based on the registration type; and a content module coupled to the source module configured to generate an overlay content based on the information source for displaying the overlay content for the subject of interest on the device.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1356/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF FITTING HEARING AID CONNECTED TO MOBILE TERMINAL AND MOBILE TERMINAL PERFORMING THE METHOD

(51) International classification :H04W4/02,H04W88/02
(31) Priority Document No :1020130011498
(32) Priority Date :31/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011889
Filing Date :19/12/2013
(87) International Publication No :WO 2014/119845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIM Yu na
2)KIM Yang wook
3)KIM Ik soo

(57) Abstract :
A method of fitting a hearing aid connected to a mobile terminal is provided. The method may include acquiring location information of a location of the mobile terminal transmitting the location information to a server receiving from the server information about at least one recommended fitting parameter model adapted to hearing conditions of the location and hearing characteristics of a user of the hearing aid and displaying the information about the at least one recommended fitting parameter model. The method may also include receiving a fitting parameter model selected by the user from among the at least one recommended fitting parameter model and controlling the hearing aid to function according to the received fitting parameter model.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2015

(21) Application No.1125/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIDEO OBSERVATION SYSTEM

(51) International classification :G03B35/18,A61B3/08,H04N13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/076313
Filing Date :11/10/2012
(87) International Publication No :WO 2014/057557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TAHARA Hirofumi
Address of Applicant :REMEDIA Co. Ltd. 1998 Horiuchi Hayama machi Miura gun Kanagawa 2400112 Japan
(72)**Name of Inventor :**
1)TAHARA Hirofumi

(57) Abstract :
[Problem] To make it possible for stereoscopic video content to be viewed through a simple arrangement and inexpensively so that training of vision capabilities or testing for visually induced motion sickness can be carried out easily. [Solution] This video observation system is used to observe video images displayed on a display unit (13a) of an information processing terminal (10) and is provided with: a pair of lens units (21 21) arranged in front the eyes of an observer and arranged at positions corresponding to the left and right eyes; a stage unit (23) on which the information processing terminal (10) is placed; a linking unit for fixing the positional relationships among the pair of lens units (21 21) and the stage unit (23); and a retainer unit (24) for positioning the information processing terminal on the surface of the stage unit.

No. of Pages : 72 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015
(21) Application No.1279/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIDEO SURVEILLANCE PROCESSING METHOD AND DEVICE FOR SELF SERVICE EQUIPMENT

(51) International classification :G07C9/00,H04N7/18
(31) Priority Document No :201210586122.4
(32) Priority Date :28/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078876
Filing Date :05/07/2013
(87) International Publication No :WO 2014/101385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WANG Qinghua
2)DONG Xuewen
3)XIAO Dahai
4)XIE Weiping
5)YONG Rong

(57) Abstract :
A video surveillance processing method for self service equipment includes the steps as follows: detecting whether any person is in a self service area; if someone is in the self service area triggering a surveillance video system of the self service equipment to record surveillance video and storing the surveillance video recorded by the surveillance video system of the self service equipment; and if no one is in the self service area enabling the surveillance video system of the self service equipment to stop recording the surveillance video. Therefore when no one is in the self service area the surveillance video system of the self service equipment does not record the surveillance video and is triggered to record the surveillance video only when there is someone in the self service area as a result the recorded video data is effective as far as possible to reduce memory space; and the workload of querying a video record is reduced due to the reduction of invalid video data.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1280/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BRIDGING NETWORK DEVICES IN A HYBRID COMMUNICATION NETWORK

(51) International classification :H04L12/46,H04L12/751,H04L12/741
(31) Priority Document No :13/718399
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072658
Filing Date :02/12/2013
(87) International Publication No :WO 2014/099337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COHEN Etan Gur
2)SCHRUM Sidney B. Jr.
3)YONGE Lawrence W. III

(57) Abstract :
A hybrid bridge can implement functionality for selectively populating its bridge tables based on preferred transmission routes to influence other network devices to transmit frames based on the preferred transmission routes. The hybrid bridge determines a preferred transmission route for communicating with each network device in the hybrid communication network. For each of the network devices it is determined whether the hybrid bridge is part of the preferred transmission route associated with the network device. Depending on whether the hybrid bridge is part of the preferred transmission route to the network device and/or whether a network interface of the hybrid bridge is a transmit or a receive interface on the preferred transmission route a local bridge table or a remote bridge table of the network interface can be populated with at least the address of a destination network device.

No. of Pages : 66 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1366/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR PUSH TO SHARE FILE DISTRIBUTION WITH PREVIEWS

(51) International classification :H04L29/06,H04L29/08
(31) Priority Document No :13/734157
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077798
Filing Date :26/12/2013
(87) International Publication No :WO 2014/107392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BREWER Beth Ann
2)LINDER Mark A.

(57) Abstract :
An apparatus and method provides for transmitting previews of media objects that are shared in a group communication such as a push to talk or push to share communication session. Media objects can be stored at a media server and/or an originating communicating device. A plurality of previews for the media object can be selected and/or generated by the originating device and transmitted during a PTT session. The previews can contain metadata and the previews and metadata can be used by recipients at target mobile devices to determine whether the user wants to download the media object. Different previews for the media object may be selected for different target mobile devices.

No. of Pages : 48 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015
(21) Application No.1297/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR DETERMINING THE POSITION OF AT LEAST ONE EDGE OF AN OBJECT BY EVALUATING FRESNEL DIFFRACTION BORDER PROFILES

(51) International classification :G01B11/02,G01B11/10
(31) Priority Document No :102012021892.3
(32) Priority Date :08/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/071016
Filing Date :09/10/2013
(87) International Publication No :WO 2014/072144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BLOHM Werner
2)SIKORA Harald

(57) Abstract :
The invention relates to a method for determining the position of at least one edge of an object in particular of a strand comprising steps of: illuminating the object using light from at least one coherent light source diffraction borders being generated on both geometric boundaries of the shadow formed by the object. In one embodiment the intensity profiles are first differentiated according to the location. Each differentiated intensity profile can either be plotted on a quadratic position axis and compared to a periodic reference intensity profile or be directly compared to a reference intensity profile that results from a periodic function. In a second embodiment the intensity profiles are compared to a reference intensity profile that results from a periodic function if this function has a period length with a substantially inversely linear dependency on the location and if the function is integrated over the location.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1298/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BACK PLATE COMPOSITION BACK PLATE BRAKE PAD AND CALIPER DEVICE

(51) International classification :F16D65/092,C08J5/14
(31) Priority Document No :2012237000
(32) Priority Date :26/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078875
Filing Date :24/10/2013
(87) International Publication No :WO 2014/065384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)INOKUCHI Hideaki
2)YAZAWA Hidemi

(57) Abstract :
This back plate composition is used to form the back plate of a brake pad provided with a friction material and a back plate bonded to the friction material. The back plate composition includes: a resin; a plurality of first fibres; and a plurality of second fibres having a shorter average length than that of the first fibres. If the average length of the first fibres is L1 [μm] and the average length of the second fibres is L2 [μm] then L2/L1 is in the range 0.001 0.5. As a result a back plate composition exhibiting excellent moldability and a back plate a brake pad and a caliper device in which said composition is used can be provided.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1299/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NON STATIONARY MAGNETIC FIELD EMITTER ITS CONNECTION IN SYSTEM AND DATA MODULATION METHOD

(51) International classification :H01Q7/08
(31) Priority Document No :PP500532012
(32) Priority Date :15/11/2012
(33) Name of priority country :Slovakia
(86) International Application No :PCT/IB2013/060178
Filing Date :15/11/2013
(87) International Publication No :WO 2014/076669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FLOREK Miroslav
2)MAJER Libor
3)HUBIN□K Emil

(57) Abstract :
The emitter is intended to provide a contactless communication channel (particularly RFID/NFC) in miniature build space. The emitter has an oblong at least partially ferrite core (1) the core (1) is winded up by a wire (4) with at least two threads (2) the threads (2) are on the core (1) placed tightly next to each other and the effective width (w)of one thread (2) corresponds to the radius of the core (1) in the circular core (1) cross section or corresponds to the equivalent radius in other shapes of the core (1) with deviation up to + 75%. The wire (4) of the coil is flat or the coil includes several wires held parallel to each other (41 to 4N) forming a multi stage thread. The emitter can be placed in the removable memory card (5) and/or on the PCB board (10) and/or SIM card (9) and/or battery (11). Modulation of data transmitted by the emitter uses electromagnetic wave generator with a frequency different from the receiver difference of these frequencies corresponds to the subcarrier frequency.

No. of Pages : 44 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1376/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED PYRIDOPYRAZINES AS SYK INHIBITORS

(51) International classification :C07D417/04,C07D519/00,A61K31/4985
(31) Priority Document No :PCT/CN2012/086144
(32) Priority Date :07/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/088817
Filing Date :06/12/2013
(87) International Publication No :WO 2014/086316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SU Wei Guo
2)DENG Wei

(57) Abstract :
123The present invention relates to pyridopyrazine compounds of formula (I) pharmaceutical compositions thereof and methods of use therefore wherein R R R L m p and W are as defined in the specification.

No. of Pages : 208 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1148/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN INHIBITING AGENT FOR INHIBITION OF ANGIOGENESIS, A METHOD FOR PREPARING THE AGNET, A METHOD FOR MODIFYING THE AGENT AND ITS USE FOR MANUFACTURING A MEDICAMENT FOR TREATING TUMOR

(51) International classification :A61K38/08, C07K14/435
(31) Priority Document No :200710024565.3
(32) Priority Date :22/06/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/000346
Filing Date :13/02/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :124/MUMNP/2010
Filed on :20/01/2010

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)XU, Hanmei

(57) Abstract :
Abstract The present invention relates to a highly efficient antiangiogenesis agent, which is a polypeptide for inhibition of angiogenesis Ile-Val-Arg-Arg-Ala-Asp-Arg-Ala-Ala-Val-Pro, connected with a polypeptide containing Arg-Gly-Asp on its one end or two ends. The inhibiting agent can be synthesized or gene engineered. The invention also relates to a physiochemical method for modifying the antiangiogenesis agent. Polypeptides with weight percentage of 1-70% preferably about 20-50% are mixed with 20%-95% palmitic acid; preferably about 50-93% of the above modified substances are fully mixed even and shaken at a shaker at 4ºC-40 ºC, preferably 25 ºC -37 ºC for more than 10 min, and the modified substances are separated through appropriate methods. The invention still relates to the use of the above polypeptides and the polypeptide modified substances for manufacturing medicaments for treating human solid tumors.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2015

(21) Application No.1149/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN INHIBITING AGENT FOR INHIBITION OF ANGIOGENESIS, A METHOD FOR PREPARING THE AGNET, A METHOD FOR MODIFYING THE AGENT AND ITS USE FOR MANUFACTURING A MEDICAMENT FOR TREATING TUMOR

(51) International classification :A61K38/08, C07K14/435
(31) Priority Document No :200710024565.3
(32) Priority Date :22/06/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/000346
Filing Date :13/02/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :124/MUMNP/2010
Filed on :20/01/2010

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(72)**Name of Inventor :**
1)XU, Hanmei

(57) Abstract :
Abstract The present invention relates to a highly efficient antiangiogenesis agent, which is a polypeptide for inhibition of angiogenesis Ile-Val-Arg-Arg-Ala-Asp-Arg-Ala-Ala-Val-Pro, connected with a polypeptide containing Arg-Gly-Asp on its one end or two ends. The inhibiting agent can be synthesized or gene engineered. The invention also relates to a physiochemical method for modifying the antiangiogenesis agent. Polypeptides with weight percentage of 1-70% preferably about 20-50% are mixed with 20%-95% polyvinylpyrrolidone; preferably about 50-93% of the above modified substances are fully mixed even and shaken at a shaker at 4ºC-40 ºC, preferably 25 ºC -37 ºC for more than 10 min, and the modified substances are separated through appropriate methods. The invention still relates to the use of the above polypeptides and the polypeptide modified substances for manufacturing medicaments for treating human solid tumors.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1305/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION COMPRISING A SILICONE RESIN AND A SILICONE GUM PERSONAL CARE PRODUCTS CONTAINING THE SAME

(51) International classification :A61Q1/04,A61K8/58,A61Q5/12
(31) Priority Document No :13/693474
(32) Priority Date :04/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072824
Filing Date :03/12/2013
(87) International Publication No:WO 2014/089044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RANA Bhavna
3)SPERRING Susan

(57) Abstract :
6A silicone composition especially advantageous for incorporation in a personal care product includes a silicone resin (a) and a silicone gum (b) the mixture of resin (a) and gum (b) having a softening point of 50°C or greater and an elastic modulus at ambient temperature of 10Pa or less.

No. of Pages : 20 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1381/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS OF REDUCING COMPRESSION NOISE IN DIGITAL VIDEO STREAMS

(51) International classification :H04N19/117,H04N19/14,H04N19/86
(31) Priority Document No :13/734667
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073664
Filing Date :06/12/2013
(87) International Publication No :WO 2014/107264
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BISWAS Mainak
2)BHASKARAN Vasudev
3)SRINIVASAN Sujith

(57) Abstract :
Method and apparatus for reducing random noise in digital video streams are described. In one innovative aspect a device for reducing noise of a video stream is provided. The device includes a ringing noise detector configured to identify ringing noise in an image included in the video stream. The device further includes a block detector configured to identify a block pattern in the image included in the video stream the block detector configured to identify block patterns of a predetermined size and block patterns of an arbitrary size. The device also includes a noise reducer configured to filter the image based on the identified ringing noise and the block pattern.

No. of Pages : 42 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1372/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSPARENT THIN WALL PACKAGING MATERIAL WITH IMPROVED STIFFNESS AND FLOWABILITY

(51) International classification :C08F2/00,C08F10/06,C08L23/12
(31) Priority Document No :12008538.6
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/003686
Filing Date :05/12/2013
(87) International Publication No :WO 2014/094990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TRANNINGER Cornelia

(57) Abstract :
Heterophasic polypropylene resin having an MFR (2.16 kg 230°C) of more than 27 g/10 min determined according to ISO 1133 comprising a propylene homo or copolymer matrix (A) and an ethylene propylene rubber phase (B) dispersed within the matrix wherein the heterophasic polypropylene resin has a fraction insoluble in p xylene at 25°C (XCU) in an amount of 75 to 85 wt. % with a weight average molecular weight of 110 to 190 kg/mol measured by GPC analysis according to ISO 16014 1 and 4 the fraction insoluble in p xylene at 25°C (XCU) containing monomer units derived from ethylene in an amount of 12.0 to 21.0 wt. % and a fraction soluble in p xylene at 25°C (XCS) in an amount of 15 to 25 wt. % having an intrinsic viscosity of 1.4 to 2.0 dl/g determined according to DIN EN ISO 1628 1 and 3 and being composed of propylene monomer units in an amount of 40 wt. % or more and having a glass transition temperature Tg as measured by DSC according to ISO 6721 7 at a compression moulded sample consisting of the XCS fraction in the range of 60 to 50 °C.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1373/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND COMMUNICATION SYSTEM FOR UNLOCKING USER DATA

(51) International classification :G06F9/52
(31) Priority Document No :201210531510.2
(32) Priority Date :11/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089059
Filing Date :11/12/2013
(87) International Publication No :WO 2014/090153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WANG Dong

(57) Abstract :
A method at a server system includes: receiving a user request to enter a first information exchange hall; detecting a lock status of information of an information exchange operation associated with the user and with a second information exchange hall where the information exchange operation is associated with a second information exchange hall; when the lock status is an unlocked state processing entry of the user into the first information exchange hall; when the lock status is a locked state determining an operation state of the information of the information exchange operation; when the operation state is an inactive operation state changing the lock status of the information from the locked state to the unlocked state and processing entry of the user into the first information exchange hall; and when the operation state is an active operation state restoring entry of the user into the second information exchange hall.

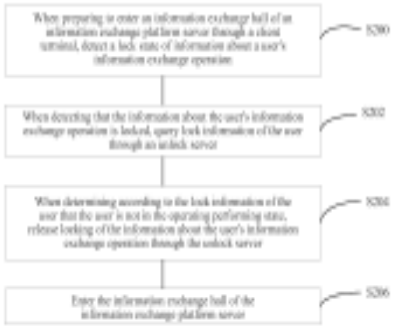

FIG. 1

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1374/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SYSTEM APPARATUS AND DEVICE FOR FACILITATING NETWORK EDGE DEVICE BACKUP AND METHODS OF OPERATION THEREOF

(51) International classification :H04L29/08
(31) Priority Document No :61/727713
(32) Priority Date :18/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/060199
Filing Date :17/11/2013
(87) International Publication No :WO 2014/076672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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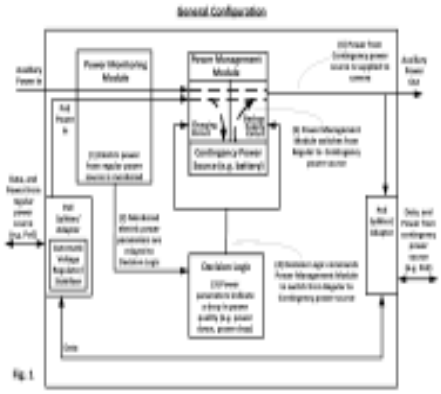
(72)**Name of Inventor :**
1)HERZEL Roni

(57) Abstract :
Disclosed is a system apparatus and device for facilitating the backup of network edge devices such as video cameras and methods of operation thereof. A monitoring circuit(s) may detect inoperable electrical power condition(s) (IEPC) on the power line of a network edge device. Upon detection of an IEPC a backup power source may provide electrical power to the edge device. Upon detection of a connectivity fault between the edge device and its packet sink a packet sink emulator may emulate a packet sink of the edge device.



No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1375/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR LIQUID COOLING OF AN ELECTRIC MOTOR

(51) International classification :H02K9/19,B60K7/00,H02K1/32
(31) Priority Document No :12512646
(32) Priority Date :07/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051243
Filing Date :24/10/2013
(87) International Publication No:WO 2014/074051
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LASSILA Viktor

(57) Abstract :
The present invention relates to a method for liquid cooling of an electric motor (1; 2; 3) of inner rotor type comprising a rotor (10; 110; 210) of hub type and a stator provided with windings (30) comprising the steps of: supplying (S1) a cooling liquid (O) for said cooling to at least one end of the hub (20; 120; 220) of said rotor; feeding (S2) supplied cooling liquid (O) at least radially in said hub (20; 120; 220) by means of the rotation of said hub (20; 120; 220) and by means of the rotation of the rotor (10; 110; 210) throwing (S3) thus fed cooling liquid (O) towards said stator (30). The present invention also relates to a device for liquid cooling of an electric motor (1; 2; 3) of inner rotor type comprising a rotor (10; 110; 210) of hub type and a stator (30) provided with windings. The present invention also relates to a platform.

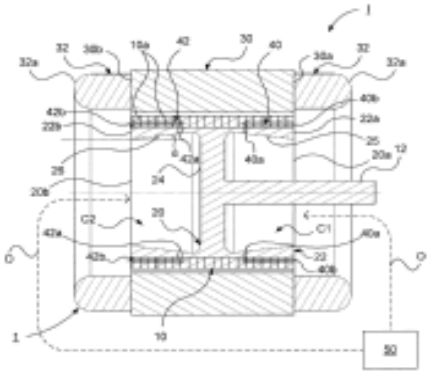

Fig. 2

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1301/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REDUCING INTER PATIENT VARIABILITY OF LEVODOPA PLASMA CONCENTRATIONS

(51) International classification :A61K9/00,A61K9/12,A61K9/14
(31) Priority Document No :61/716753
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065834
Filing Date :21/10/2013
(87) International Publication No:WO 2014/066206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :190 Everett Avenue Chelsea MA 0215028110 U.S.A.
(72)**Name of Inventor :**
1)BATYCKY Richard P.
2)FREED Martin

(57) Abstract :
The present invention provides methods of reducing the inter patient variability of levodopa plasma concentrations in a population of Parkinson s disease patients. The methods of the invention comprise pulmonary administration of levodopa at therapeutically effective concentrations such that the inter patient variability of levodopa plasma concentrations at time periods ranging from about 10 minutes post inhalation to about 60 minutes or more post inhalation have less than a 50% coefficient variation. The methods of the invention are particularly useful for treatment of motor fluctuations which arise as a side effect of L Dopa therapy.

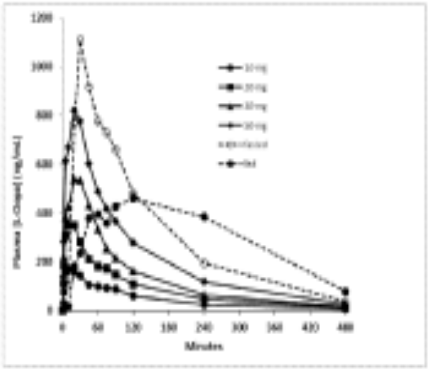

FIG. 1

No. of Pages : 42 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1302/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LEVODOPA FORMULATIONS FOR RAPID RELIEF OF PARKINSON S DISEASE

(51) International classification :A61K9/12,A61K9/14,A61P25/00
(31) Priority Document No :61/716740
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065838
Filing Date :21/10/2013
(87) International Publication No :WO 2014/066208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :190 Everett Avenue Chelsea MA 02150 U.S.A.
(72)**Name of Inventor :**
1)FREED Martin
2)BATYCKY Richard
3)LIPP Michael M.

(57) Abstract :
The present invention provides methods of providing rapid relief of motor fluctuations in a Parkinson s disease patient. The methods of the invention comprise pulmonary administration of levodopa by inhalation at therapeutically effective concentrations such that the patient s plasma levodopa concentration increases by at least about 200 ng/ml within 10 minutes or less post inhalation as compared to the concentration of levodopa in the patient s plasma prior to inhalation of the levodopa and wherein the patient s plasma concentration remains increased by at least about 200 ng/ml for a time period of at least 15 minutes after inhalation. The methods of the invention are particularly useful for treatment of motor fluctuations which arise as a result of poorly controlled levodopa plasma levels in a patient.

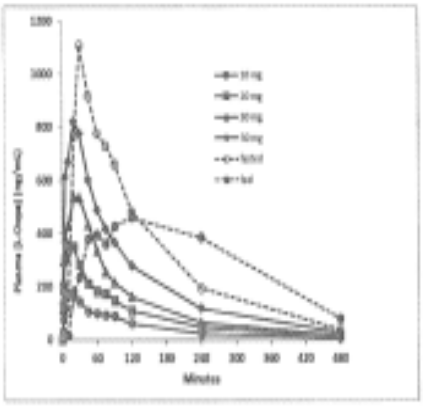

FIG. 1

No. of Pages : 49 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1384/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A MOBILE ELECTRONIC DEVICE COMPRISING A MULTILAYER SAPPHIRE COVER PLATE

(51) International classification :G06F1/16
(31) Priority Document No :61/735281
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073874
Filing Date :09/12/2013
(87) International Publication No :WO 2014/093221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :243 Daniel Webster Highway Merrimack New Hampshire 03054 U.S.A.
(72)**Name of Inventor :**
1)SCHMID Kurt

(57) Abstract :
An electronic device comprising a cover plate is disclosed. The cover plate comprises one or more glass layers and one or more sapphire layers wherein the layers are refractive index matched. Also disclosed are methods for preparing the electronic device.

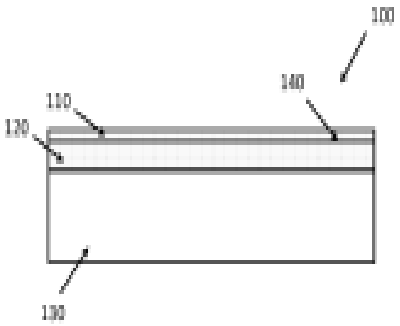

FIG 1

No. of Pages : 15 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1385/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DISABLING COMPRESSION FOR INCOMPRESSIBLE FLOWS

(51) International classification	:H04W28/06,H04L12/801,H04L12/813
(31) Priority Document No	:61/735706
(32) Priority Date	:11/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/073759 :07/12/2013
(87) International Publication No	:WO 2014/093183
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)VENKATACHALAM JAYARAMAN Venkata Ramanan
2)KAPOOR Rohit

(57) Abstract :
Methods and apparatus for wireless communication include applying a compression algorithm to a data flow and evaluating a level of compression of the data flow resulting from the applying of the compression algorithm. Further aspects include determining when the level of compression of the data flow is below a first threshold and disabling compression of the data flow when the level of compression is below the first threshold. Additional aspects include determining when the level of compression of the data flow is above a second threshold and enabling compression of the data flow when the level of compression is above the second threshold wherein the second threshold is greater than the first threshold.

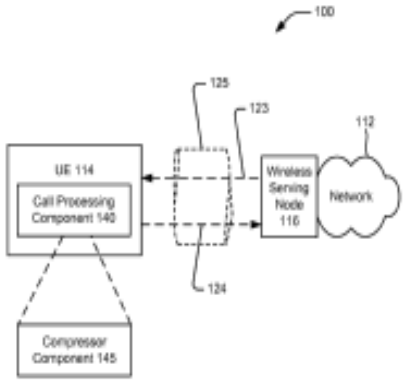

FIG. 1

No. of Pages : 51 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1386/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR RESIDUAL PREDICTION IN THREE DIMENSIONAL VIDEO CODING

(51) International classification :H04N19/50
(31) Priority Document No :PCT/CN2012/084580
(32) Priority Date :14/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087117
Filing Date :14/11/2013
(87) International Publication No :WO 2014/075615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :No.1 Fusionopolis Walk #03 01 Solaris Singapore 138628 Singapore
(72)**Name of Inventor :**
1)ZHANG Kai
2)AN Jicheng
3)LIN Jian Liang

(57) Abstract :
A method and apparatus using pseudo residues to predict current residues for three dimensional or multi view video coding are disclosed. The method first receives input data associated with a current block of a current picture in a current dependent view and determines an inter view reference block in a first inter view reference picture in a reference view according to a DV (disparity vector) where the current picture and the first inter view reference picture correspond to same time instance. Pseudo residues are then determined and used for encoding or decoding of the current block where the pseudo residues correspond to differences between a corresponding region in an inter time reference picture in the current dependent view and a pseudo reference region in a pseudo reference picture in the reference view and where the inter time reference picture and the pseudo reference picture correspond to same time instance.

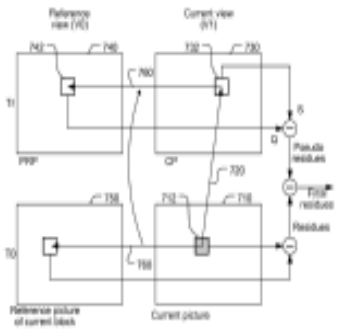

Fig. 7

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015
(21) Application No.1307/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPRESSOR WITH CAPACITY MODULATION AND VARIABLE VOLUME RATIO

(51) International classification :F04C18/02,F04C14/18
(31) Priority Document No :61/731594
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070992
Filing Date :20/11/2013
(87) International Publication No :WO 2014/085158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOEPKER Roy J.

(57) Abstract :
A compressor is provided and may include a shell assembly defining a suction pressure region and a discharge pressure region. A first scroll member may include a first discharge port and a first modulation port. A second scroll member may include a first variable volume ratio port. A capacity modulation valve assembly may be in fluid communication with the first modulation port and may be displaceable between open and closed positions to selectively provide communication between a first intermediate compression pocket and the suction pressure region via the first modulation port. A variable volume ratio valve assembly may be in fluid communication with the first variable volume ratio port. The variable volume ratio valve assembly may be displaceable between open and closed positions to selectively provide communication between a second intermediate compression pocket and the discharge pressure region via the first variable volume ratio port.

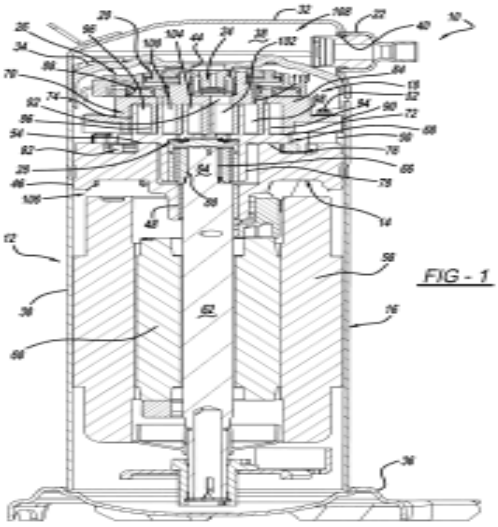

FIG - 1

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2015
(21) Application No.1390/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTROFILTER FOR THE PURIFICATION OF SMOKE FROM IN PARTICULAR MINOR STRAW BOILERS

(51) International classification :B03C3/47,B03C3/74
(31) Priority Document No :PA 2012 00739
(32) Priority Date :23/11/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/000068
Filing Date :16/10/2013
(87) International Publication No :WO 2014/079447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OVERDAHL J¸rgen

(57) Abstract :
In an electrofilter for smoke purification which consists of a set of mutually parallel positive electrodes so called collection plates (1) which form a number of mutually parallel ducts (2) through which the smoke to be purified can pass and by a set of negative electrodes so called discharge wires (3) which are suspended midway between the collection plates (1) the collection plates (1) are designed as preferably circular plates mounted at a uniform mutual distance on a rotating shaft (8) and the discharge wires (3) are suspended from a common frame (4) on which a vibrator (5) is mounted which can vibrate and thus clean the discharge wires (3) of collected dust. On the frame of the electrofilter (6) between each collection plate (1) stationary scrapers (10) are mounted which bear against each collection plate (1) and clean them of dust. Each collection plate (1) is designed with evenly distributed cutouts (15) which can absorb any displacements of the collection plates (1) owing to temperature fluctuations and thereby ensure that the collection plates (1) remain fully or approximately plane during operation. Moreover guide rollers are mounted at each collection plate which bear against the collection plate and keep this plane so that the scraping process becomes efficient. With the electrofilter according to the invention any reverse flow in the filter is prevented and the filtering efficiency can be maintained without continuously adding water or chemicals to the flue gas.

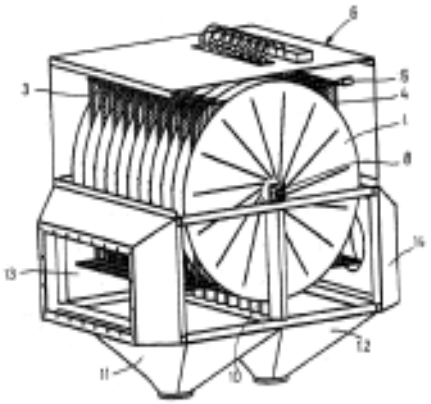

FIG. 3

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2015

(21) Application No.1391/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AMINE FOR LOW EMISSION EPOXY RESIN PRODUCTS

(51) International classification	:C07C211/27,C08G59/50,C08G59/56
(31) Priority Document No	:13150534.9
(32) Priority Date	:08/01/2013
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/077704 :20/12/2013
(87) International Publication No	:WO 2014/108306
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland
(72)**Name of Inventor :**
1)KASEMI Edis
2)KRAMER Andreas
3)STADELMANN Ursula
4)BURCKHARDT Urs

(57) Abstract :
The invention relates to an amine which can be advantageously used in epoxy resin compositions that cure at room temperature. The amine dilutes the composition highly effectively allows rapid trouble free curing even in cold and damp conditions and reduces brittleness. The amine is particularly suitable as a constituent of a curing agent for low emission epoxy resin compositions that cure at room temperature in particular for floor coverings.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1314/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THICKENED AQUEOUS DETERGENT LIQUID

(51) International classification :C11D3/37,C11D1/02
(31) Priority Document No :PCT/CN2012/085567
(32) Priority Date :29/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/074596
Filing Date :25/11/2013
(87) International Publication No :WO 2014/082955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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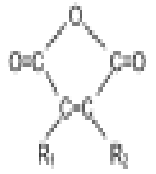
(72)**Name of Inventor :**
1)JARVIS Adam Peter
2)LIMER Adam John
3)RYAN Philip Michael
4)THOMAS Matthew Rhys

(57) Abstract :
1212 13183455130222z2z226n62436486667840840840 2402408807A thickened aqueous detergent liquid comprising: (i) at least 5 wt% of a surfactant system comprising anionic surfactant (ii) at least 0.2 wt% of a thickening system comprising a linear copolymer formed by the addition polymerisation of: (A) 0.1 to 5 wt% of a first monomer consisting of an ethylenically unsaturated diacid of formula (I): HOOC CR=CR COOH (I) or an unsaturated cyclic anhydride precursor of such an ethylenically unsaturated diacid the anhydride having formula (II) where R and Rare individually selected from H C C alkyl phenyl chlorine and bromine; (B) 15 to 60 wt% of a second ethylenically unsaturated monoacidic monomer consisting of (meth)acrylic acid; (C) 30 to 70 wt% of a third ethylenically unsaturated monomer consisting of C C alkyl ester of (meth)acrylic acid; (D) 1 to 25 wt% of a fourth ethylenically unsaturated monomer consisting of surfmer of formula (III) wherein each R and R are each independently selected from H methyl C(=O)OH or C(=O)OR; R is a C C alkyl; T is CHC(=O)O C(=O)O O CHO NHC(=O)NH C(=O)NH Ar (CE) NHC(=O)O Ar (CE) NHC(=O)NH or CHCHNHC(=O) Ar is divalent aryl; E is H or methyl; z is 0 or 1; k is an integer in the range of 0 to 30; and m is 0 or 1; with the proviso that when k is 0 m is 0 and when k is in the range of 1 to 30; m is 1; (RO) is polyoxyalkylene which is a homopolymer a random copolymer or a block copolymer of C2 C4 oxyalkylene units wherein R is CH CH CH or a mixture thereof and n is an integer in the range of 5 to 250;Y is RO R C(=O) C(=O)NH =RNHC(=O)NH or C(=O)NHC(=O) ; and R is substituted or unsubstituted alkyl selected from the group consisting of C C linear alkyl C C branched alkyl C C carbocyclic alkyl C C alkyl substituted phenyl aryl substituted C C alkyl and CC complex ester; wherein the R alkyl group optionally comprises one or more substituents selected from the group consisting of hydroxy alkoxy and halogen.



(II)

(III)

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1397/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENB PDCCH IMPLEMENTATION TO AVOID AMBIGUOUS DCI INFORMATION

(51) International classification :H04L5/00
(31) Priority Document No :61/748731
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010233
Filing Date :03/01/2014
(87) International Publication No :WO 2014/107611
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOTAMED Mariam
3)CHEN Wanshi
4)GOROKHOV Alexei Y.
5)BRESSANELLI Dominique F.
6)AYDIN Levent

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus determines a first starting index for transmitting first control information in a first search space determines a second starting index for transmitting second control information in a second search space and transmits the second control information in the second search space at the second starting index when the first starting index and the second starting index are not the same value. The apparatus further transmits to a user equipment (UE) control information in a first search space receives information from the UE corresponding to the transmitted control information and decodes the received information based on the UE parsing the control information according to the first search space and based on the UE incorrectly parsing the control information according to a second search space.

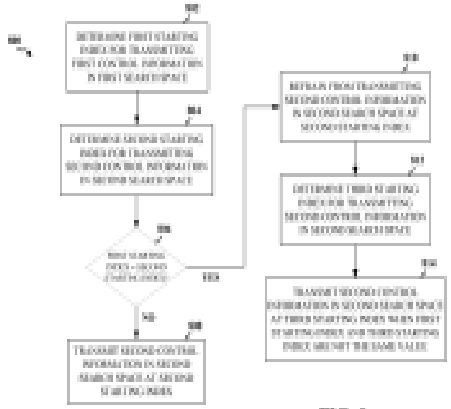

FIG. 8

No. of Pages : 73 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015

(21) Application No.1246/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR PROCESSING DATA DURING IDLE LISTENING

(51) International classification :H04W52/02
(31) Priority Document No :201210450263.3
(32) Priority Date :12/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086945
Filing Date :12/11/2013
(87) International Publication No :WO 2014/071890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TSINGHUA UNIVERSITY
(72)**Name of Inventor :**
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2)XIAO Zhenyu
3)LIU Pei

(57) Abstract :
Provided are a method device and system for processing data during idle listening the method comprising: in an idle listening mode employing an N bit ADC to sample a first analog signal; in a transceiving mode employing an M bit ADC to sample a second analog signal wherein N and M are both integers and N is smaller than M. An embodiment of the present invention reduces the power consumption of an ADC during idle listening.

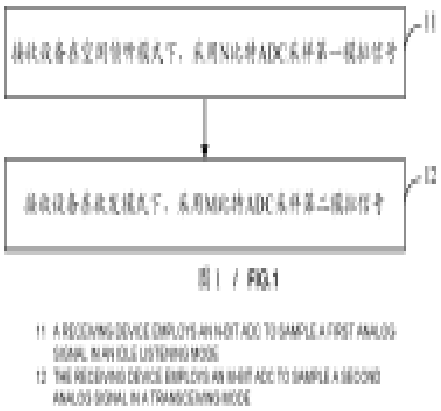

图 1 / FIG.1

11 A RECEIVING DEVICE EMPLOYS AN N-BIT ADC TO SAMPLE A FIRST ANALOG SIGNAL IN AN IDLE LISTENING MODE
12 THE RECEIVING DEVICE EMPLOYS AN M-BIT ADC TO SAMPLE A SECOND ANALOG SIGNAL IN A TRANSCEIVING MODE

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1323/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY DEVICE

(51) International classification :G02F1/1333,G09F9/00
(31) Priority Document No :2012274057
(32) Priority Date :14/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/082564
Filing Date :04/12/2013
(87) International Publication No :WO 2014/091978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SONY CORPORATION
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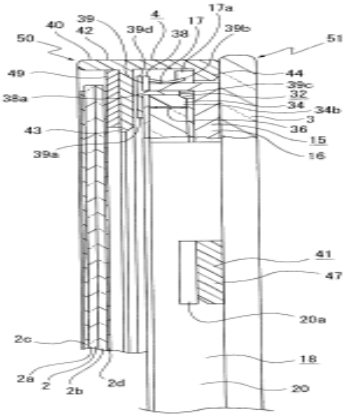
(72)**Name of Inventor :**
1)YAMAMOTO Takeshi

(57) Abstract :
This display device includes a front side unit and a back side unit. The front side unit includes: a display having a display surface on which images are displayed; and a bezel that holds the display from the circumference side and on which projections for attachment are provided. The back side unit includes: a back chassis provided on a side opposite to a display surface side of the display; and an attachment frame that is mounted on a display side surface of the back chassis and on which attaching projections are provided. The front side unit is butted to the back side unit and is slid with respect to the back side unit in a plane direction of the display surface whereby the projections for attachment are engaged with the attaching projections and the front side unit and the back side unit are combined.



No. of Pages : 70 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1324/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMISSION DEVICE TRANSMISSION METHOD RECEPTION DEVICE AND RECEPTION METHOD

(51) International classification :H04N19/86
(31) Priority Document No :2012271888
(32) Priority Date :13/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/082579
Filing Date :04/12/2013
(87) International Publication No :WO 2014/091984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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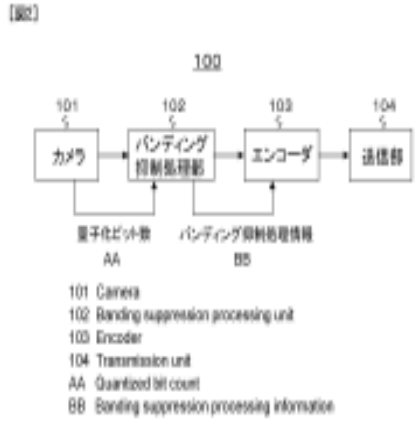
Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)TSUKAGOSHI Ikuo

(57) Abstract :
In the present invention banding suppression processing is appropriately performed on the reception side. A container in a predetermined format comprising a video stream that contains encoded image data is transmitted. Information related to banding suppression processing of the image data is inserted in the video stream. Information such as information indicating whether banding suppression processing has been performed on the image data and information indicating whether banding suppression processing should be performed on the image data is included in the aforementioned information. It is possible to control banding suppression processing on the reception side on the basis of the information related to banding suppression processing that is sent from the transmission side thus making it possible to appropriately perform banding suppression processing.



No. of Pages : 85 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1407/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ELEMENT ACCESS METHOD SYSTEM AND DEVICE

(51) International classification :H04W12/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/085053
Filing Date :22/11/2012
(87) International Publication No :WO 2014/079016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)ZOU Chang

(57) Abstract :
Disclosed are a network element access method system and device. The method comprises the steps of: a network element preparing to access a network sending an access data request to a network element which has already accessed the network so that the network element which has already accessed the network forwards the access data request to a network management unit; the network element preparing to access the network receiving an access data response sent by the network element which has already accessed the network wherein the access data response is generated by performing authentication after the network management unit has received the access data request forwarded by the network element which has already accessed the network and is sent to the network element preparing to access the network by the network management unit via the network element which has already accessed the network; and if the access data response indicates that this network element is allowed to access accessing the network. Since a secure link has already been established between a network element which has already accessed a network and a network management unit the network element which has already accessed the network and has a relatively high security performance can be utilized to avoid being attacked improving security performance.

No. of Pages : 69 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015
(21) Application No.1328/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI MODE MEMORY ACCESS TECHNIQUES FOR PERFORMING GRAPHICS PROCESSING UNIT BASED MEMORY TRANSFER OPERATIONS

(51) International classification :G11C7/10,G09G5/393,G09G3/36
(31) Priority Document No :13/725393
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071283
Filing Date :21/11/2013
(87) International Publication No :WO 2014/099249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GRUBER Andrew Evan
2)WANG Tao
3)KHANDELWAL Shambhoo

(57) Abstract :
This disclosure describes techniques for performing memory transfer operations with a graphics processing unit (GPU) based on a selectable memory transfer mode and techniques for selecting a memory transfer mode for performing all or part of a memory transfer operation with a GPU. In some examples the techniques of this disclosure may include selecting a memory transfer mode for performing at least part of a memory transfer operation and performing with a GPU the memory transfer operation based on the selected memory transfer mode. The memory transfer mode may be selected from a set of at least two different memory transfer modes that includes an interleave memory transfer mode and a sequential memory transfer mode. The techniques of this disclosure may be used to improve the performance of GPU assisted memory transfer operations.

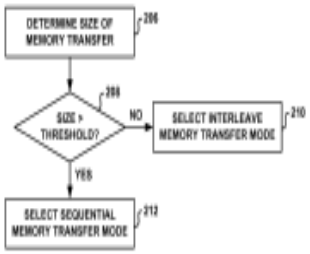


FIG. 21

No. of Pages : 119 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1329/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERFACE DEVICE AND METHOD FOR EXCHANGING USER DATA

(51) International classification :H04L12/40
(31) Priority Document No :10 2012 023 395.7
(32) Priority Date :29/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000704
Filing Date :26/11/2013
(87) International Publication No :WO 2014/082619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AIRBUS DEFENCE AND SPACE GMBH
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(72)**Name of Inventor :**
1)HARTLMLLER Peter
2)PLANKL Helmut
3)SCHULTE Christoph

(57) Abstract :
The present invention relates to an interface device (103 107 1020) for the exchange of various time critical user data (507 507) between a host device (106 108 1003a 1003b) and a shared medium (102) via a first interface (104 109 1021) and via a second interface (105 110 1022) having a resource management device (201) and a buffering device (200 1010) wherein the first interface (104 109 1021) works with a first cycle (701) and the second interface (105 110 1022) works with a second cycle (700a 700b) and wherein the first interface (104 109 1021) and the second interface (105 110 1022) are connected to the buffering device (200 1010) wherein the resource management device (201) is further equipped to control the exchange of various time critical user data (507 507) between the first interface (104 109 1021) and the second interface (105 110 1022) in such a way that collisions between the various time critical user data (507 507) within the interface device (103 107 1020) and/or on the shared medium (102) are avoided in order to facilitate deterministic behaviour during the exchange of various time critical user data (507 507).

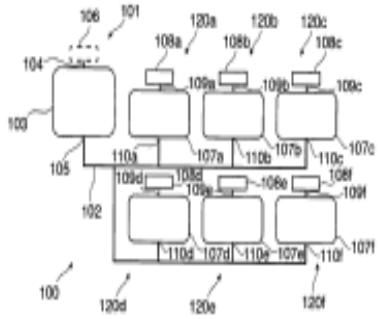

Fig. 1

No. of Pages : 155 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1411/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR EXPANDING WEBAPP APPLICATION FUNCTION

(51) International classification :G06F9/44
(31) Priority Document No :201210442145.8
(32) Priority Date :07/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/083037
Filing Date :06/09/2013
(87) International Publication No :WO 2014/071771
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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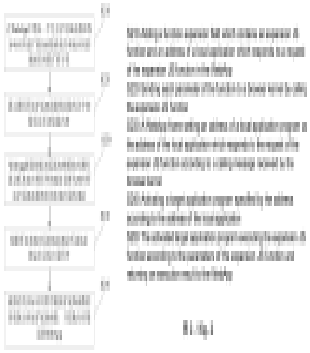
(72)**Name of Inventor :**
1)LIANG Jie
2)YU Yongfu
3)HE Xiaopeng
4)ZHU Shunyan
5)MA Miaokui

(57) Abstract :
A method and system for expanding a WebApp application function. The method comprises: adding a function expansion field which contains an expansion JS function and an address of a local application which responds to a request of the expansion JS function in the WebApp; sending each parameter of the function to a browser kernel by calling the expansion JS function; a WebApp frame setting an address of a local application program as the address of the local application which responds to the request of the expansion JS function according to a calling message received by the browser kernel; activating a target application program specified by the address according to the address of the local application; the activated target application program executing the expansion JS function according to the parameters of the expansion JS function and returning an execution result to the WebApp. The method and system can enable a WebApp to directly use the functions of other applications installed on an operation system and expands the abilities of the WebApp.



No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1330/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR PASSIVE OPTICAL SWITCHING

(51) International classification	:H04B10/80,H04B10/27,H04Q3/52
(31) Priority Document No	:61/729872
(32) Priority Date	:26/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2013/000976 :26/11/2013
(87) International Publication No	:WO 2014/078940
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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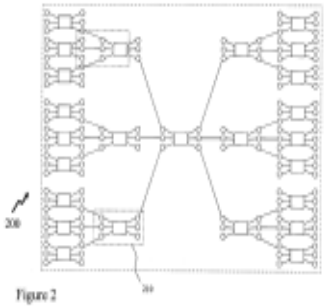
(72)**Name of Inventor :**
1)YUNQU Liu
2)LEONG Kin Wai
3)NI Wenda
4)HUANG Changcheng

(57) Abstract :
Optical networking has become ubiquitous in providing low cost high speed communications networks supporting our communication needs from FTTH through long haul to undersea. The large number of users and high speeds provided to each user fiber mean that information retrieval and routing functionality within the data centers hosting this information can become the bottleneck both in terms of speed and latency. According to embodiments of the invention the inventors present architectures based upon all optical passive optical networks that support a distributive approach to latency reduction as well as protocols relating to their deployment. Beneficially such POCXN concepts exploit optical components already supported by high volume manufacturing techniques as well as CWDM/DWDM techniques for throughput increase.



No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

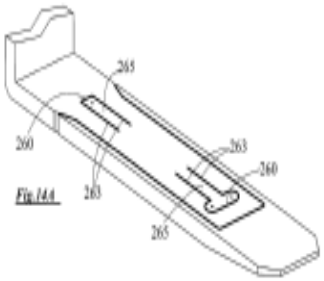
(21) Application No.1415/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIFT TRUCK FORK ADAPTED FOR WEIGHING HAVING REINFORCED AND STIFFENED COVER ASSEMBLY

(51) International classification :B66F9/12,B66C13/16,B66F17/00
(31) Priority Document No :1219737.2
(32) Priority Date :02/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/CA2013/000929
Filing Date :04/11/2013
(87) International Publication No :WO 2014/066988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WEIGH POINT INCORPOATED
Address of Applicant :55 Fleming Drive Unit #4 Cambridge Ontario N1T 2A9 Canada
(72)**Name of Inventor :**
1)SIMONS Gerald Sidney

(57) Abstract :
The fork is cut into two pieces by abrasive waterjet. The toe piece is formed with sidebars which when the toe piece is welded into the cover greatly enhance rigidity of the cover assembly. The heel piece carries the load cells. In an option a peninsula is cut in the heel piece by waterjet and the peninsula serves as the flexure member of the loadcell.



No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015
(21) Application No.1416/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPLANT IMAGE CREATING METHOD AND IMPLANT IMAGE CREATING SYSTEM

(51) International classification :A61B6/14
(31) Priority Document No :1020120126259
(32) Priority Date :08/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009762
Filing Date :31/10/2013
(87) International Publication No :WO 2014/073818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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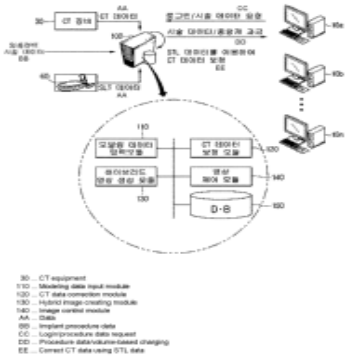
(72)**Name of Inventor :**
1)PARK Kwang Bum

(57) Abstract :
The present invention relates to an implant image creating method which obtains a hybrid image for a tooth structure and a gum structure by combining computed tomography (CT) data and stereo lithography (STL) data using a reference plate. The present invention is performed by an implant image creating system that creates an implant image and plays the implant image on a display device and said system can include the steps of: obtaining STL data that represents a three dimensional structure in a polygon with reference to CT data and plaster patterns of teeth obtained when a bite including a reference plate is inserted into the mouth of a patient; after matching the coordinates of the reference plates in the CT data and STL data correcting the CT data on the basis of the STL data; and creating the hybrid image so as to allow the corrected CT data to represent a first density area and the STL data to represent a second density area.



No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1417/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONCENTRATED LAMELLAR LIQUID PERSONAL CLEANSING COMPOSITION

(51) International classification :A61K8/36,A61Q5/02,A61Q19/10
(31) Priority Document No :13/708012
(32) Priority Date :07/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/074076
Filing Date :18/11/2013
(87) International Publication No :WO 2014/086576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HU Yuntao Thomas
3)HERMANSON Kevin David
4)DAVE Rajendra Mohanlal
5)YANG Lin
6)EARLY James Andrew
7)SHUTAK Alexander Kingston
8)SHILOACH Anat
9)MOADDEL Teanoosh

(57) Abstract :
The invention relates to concentrated liquid cleansing compositions in lamellar phase which possess a lotion like appearance conveying signals of enhanced moisturization. The use of a specific ratio of synthetic anionic surfactant(s) and co surfactant(s)to fatty acid(s) in a structured liquid product was found to improve lather production by moderating or eliminating the increase in viscosity upon dilution. Ina further embodiment specific small hydrophobic molecules were found to improve freeze/thaw stability and thereby cause the inventive composition to maintain noticeable moisturization signals.

No. of Pages : 55 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2015

(21) Application No.1342/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CO DIFFERENTIATION OF MONOCYTES FROM ALLOGENEIC DONORS

(51) International classification :C12N5/0784,C12N5/0786
(31) Priority Document No :12197687.2
(32) Priority Date :18/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077139
Filing Date :18/12/2013
(87) International Publication No :WO 2014/096033
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Grafiska Vgen 2 412 63 Gteborg Sweden
(72)**Name of Inventor :**
1)KARLSSON PARRA Alex
2)ANDERSSON Bengt

(57) Abstract :
Disclosed is a method of producing non exhausted immature dendritic cells (DCs) originating from at two different allogeneic donors. In the method a mixture of allogeneic leukocytes which allogeneic leukocytes have been obtained from at least two different allogeneic donors is provided. Subsequently allogeneic monocytes are isolated from the mixture of allogeneic leukocytes. Thereafter non exhausted immature DCs are generated from said isolated allogeneic monocytes.

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1343/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SEARCHING FOR RADIO ACCESS TECHNOLOGIES

(51) International classification :H04W48/08,H04W48/16,H04W48/18
(31) Priority Document No :13/718079
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/070493
Filing Date :19/12/2012
(87) International Publication No :WO 2014/098815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)VENKATA Madhusudan K.

(57) Abstract :
A method for searching for radio access technologies by a wireless communication device is described. The method includes initiating a search for one or more radio access technologies. The method also includes determining if the wireless communication device has low mobility. The method also includes suspending the search when a first event occurs. The method also includes storing the search results. The method further includes resuming the search based on the search results when a second event occurs.

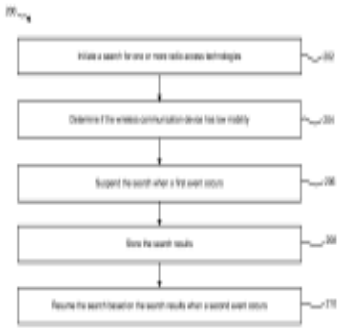

FIG. 2

No. of Pages : 57 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1425/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TEA BASED BEVERAGE

(51) International classification :A23F3/14,A23F3/16,A23F3/30
(31) Priority Document No :12198233.4
(32) Priority Date :19/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075221
Filing Date :02/12/2013
(87) International Publication No :WO 2014/095324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BENJAMIN Mia Claire
2)BIALEK Jadwiga Malgorzata
3)VERSLUIS Pieter

(57) Abstract :
The invention relates to a tea based beverage composition comprising calculated by weight of dry matter: 0.3 10% of dry tea components; 10 80% saccharide selected from sucrose glucose fructose and combinations thereof; 2 35% oil; 0.5 20% gelatinized starch; and 0.1 10% plant protein selected from leguminous protein cereal protein and combinations thereof; wherein the composition contains less than 10% by weight of dry matter of particles of plant material comprising the plant protein wherein said particles having a diameter of more than 10 µm and wherein the gelatinized starch and the plant protein are contained in the beverage composition in a weight ratio of 1:1 to 20:1. The benefits of the invention can be realized in ready to drink beverages as well as in reconstitutable powders. The invention also provides a process for the preparation of the aforementioned tea based beverage composition the process comprising addition of a flour selected from leguminous flour cereal flour and combinations thereof.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1426/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TOPICAL COMPOSITION

(51) International classification :A61Q5/00,A61Q11/00,A61K8/73
(31) Priority Document No :PCT/CN2012/086778
(32) Priority Date :17/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/074085
Filing Date :18/11/2013
(87) International Publication No :WO 2014/095198
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BANERJEE Gautam
2)MAJUMDAR Amitabha
3)MATHAPATHI Mruthyunjaya Swamy
4)SAMPATH KUMAR Ramya
5)WANG Shunchun

(57) Abstract :
The present invention relates to a composition suitable for topical application to the skin oral mucosa and scalp. In particular the invention relates to a composition having a polymer for enhancing immunity. There is a desire to increase the natural defence of the human body against infections by using naturally occurring compounds or ingredients especially as part of a common cosmetic or dermatological preparations as the consumer generally does not want to rely on medicaments only. It is thus an object of the present invention to provide a topical composition especially oral skin or hair composition which provides enhanced immunity benefits. It is yet another object of the present invention to provide a process for producing an extract of Camellia sinensis which provides enhanced immunity benefits. The present inventors have determined that at opical composition having a polymer of galacturonic acid with a molecular weight of 18kD to 35kD provides enhanced immunity benefits.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2015
(21) Application No.1339/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREPARATION AND INCORPORATION OF CO PRODUCTS INTO BEVERAGES TO ENHANCE NUTRITION AND SENSORY ATTRIBUTES

(51) International classification :A23L2/52
(31) Priority Document No :61/765274
(32) Priority Date :15/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015326
Filing Date :07/02/2014
(87) International Publication No :WO 2014/126806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HITCHCOCK Bryan William
3)HSIEH MongJan
4)JORDAN Rachel Lisa
5)MATHEWS Jeffrey David
6)RIVERA Teodoro
7)SHIN Jin E
8)SMALL William B. II

(57) Abstract :
Co products from juice extraction in particular for use in beverage and food products to enhance nutrition and sensory attributes of the products are provided. The co product has a number average particle size of between 1 and 2000 microns a total polyphenol content of at least 2500 parts per million a moisture content of between 70% and 85% by weight and a combined peel and seed content between 0.01% and 20% by weight.

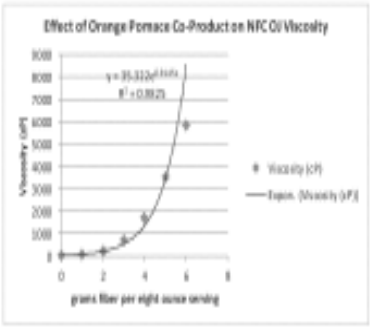

FIG. 1

No. of Pages : 53 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2015
(21) Application No.1340/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING FUNCTION ACCORDING TO POSITION OF SCAN OBJECT

(51) International classification :H04N1/32
(31) Priority Document No :1020130031703
(32) Priority Date :25/03/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010480
Filing Date :19/11/2013
(87) International Publication No :WO 2014/157802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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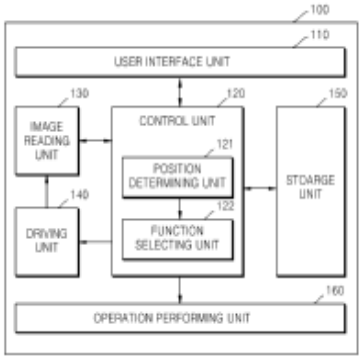
(72)**Name of Inventor :**
1)CHOI Chi ho
2)PARK Young kook

(57) Abstract :
An image forming apparatus includes a user interface unit that includes a scan area an image reading unit that reads an image of a scan object disposed on the scan area a driving unit that moves the image reading unit a control unit that controls a function according to a position of the scan object an operation performing unit that performs the function by using the read image and a storage unit that stores information about the function corresponding to the position of the scan object. The scan area includes a determination area and a function area and when it is determined that the scan object does not exist on the determination area the control unit controls the operation performing unit to perform the function corresponding to the position of the scan object on the function area.



No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1423/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EDIBLE COMPOSITION COMPRISING AN EXTRACT OF *INULA RACEMOSA* AND NARINGIN

(51) International classification :A23L1/30,A23L1/39,A61K36/752
(31) Priority Document No :12196860.6
(32) Priority Date :13/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074735
Filing Date :26/11/2013
(87) International Publication No :WO 2014/090569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
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1)BALARAM SINGH Nandini
2)BANERJEE Gautam
3)BLOM Willemina Albertha Maria
4)GOUKA Robertus Johannes
5)KALATHIL Ramitha
6)MAJUMDER Suman

(57) Abstract :
Inula racemosaThe present invention provides relates to an edible composition for anti diabetic benefit. Diabetes is one of the major and commonly occurring health problems in today s world. Pharmaceuticals companies are very active in this field to develop new medicines for preventing and controlling diabetes. There are several medicines available in the market for the treatment of type 2 diabetes. There are prior arts which describes composition and/or therapies for the prevention of glucose intolerance and/or diabetes. We have found that though prior art discloses compositions and therapies for treating diabetes there is not disclose any food composition which is effectively controls GLP 1 activity thereby control diabetes. The present inventors while working extensively for providing an edible composition for preventing diabetes have surprisingly found that a particular combination of and naringin is effective for controlling and/or preventive diabetes thereby satisfying one or more of the aforesaid objects.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015
(21) Application No.1424/MUMNP/2015 A
(43) Publication Date : 27/05/2016

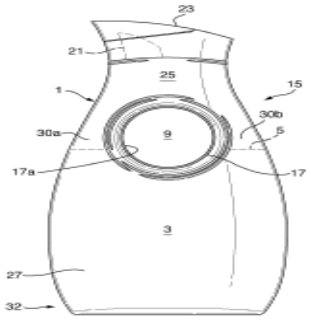
(54) Title of the invention : CONSUMER PACKAGING CONTAINING A FABRIC TREATMENT FLUID

(51) International classification :B65D1/02,B65D1/04
(31) Priority Document No :12197081.8
(32) Priority Date :13/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/076128
Filing Date :10/12/2013
(87) International Publication No :WO 2014/090824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)SMITH Elizabeth Jane

(57) Abstract :
A consumer package containing a fabric treatment fluid the fluid (i) having a viscosity in the range 200 1500 @ 21 s and (ii) comprising a volatile benefit agent and a thickening polymer and wherein the consumer package comprises (i) a reservoir containing the fluid (ii) a dispensing outlet located in an uppermost portion of the package such that the package can be tipped by the consumer to dispense the fluid via the dispensing outlet (iii) a neck region adjacent the dispensing outlet the neck region comprising a mixing chamber adjacent and in fluid communication with the dispensing outlet and a weir member substantially bifurcating the neck region to define two discrete channels from the reservoir to the mixing chamber thereby providing in a tipped orientation a weir for disruption of the flow of the fluid from the reservoir to the dispensing outlet characterized in that the mixing chamber has an upwardly curved upper wall and curved side walls and the ratio of the mixing chamber depth and channel width is in the range 1 :1.5 to 1 :4 and preferably 1 : 1.5 to 1 :2.

Fig. 1



No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1353/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION CONTAINING VITAMIN B12

(51) International classification :A61K9/00,A61K47/44
(31) Priority Document No :2009918
(32) Priority Date :30/11/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050860
Filing Date :28/11/2013
(87) International Publication No :WO 2014/084736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Wehryweg 27 NL 6301 GA Valkenburg Netherlands
(72)**Name of Inventor :**
1)RIEPMA Klaas Alouis

(57) Abstract :
The invention relates to a pharmaceutical composition for intranasal administration for human subjects comprising vitamin B12 and a pharmaceutically acceptable carrier. According to the invention vitamin B12 particles are dispersed in a hydrophobic continuous phase as the pharmaceutically acceptable carrier. Such a dispersion of solid vitamin B12 particles (crystals or amorphic) in a hydrophobic continuous phase displays very satisfactory bioavailability. Also the intense red colour is reduced significantly making the pharmaceutical composition acceptable for intranasal use.

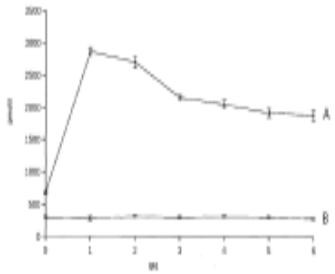

Fig.1

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1354/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIVIRAL COMPOUNDS

(51) International classification :C07D491/04,A61K31/4188,A61P31/12
(31) Priority Document No :61/745452
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076734
Filing Date :19/12/2013
(87) International Publication No :WO 2014/100500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COTTELL Jeromy J.
3)LINK John O.
4)TREJO MARTIN Teresa Alejandra

(57) Abstract :
The disclosure is related to compounds having a polycyclic core and at least one 2 6 dimethyltetrahydro 2H pyran 4 yl 4 methyltetrahydro 2H pyran 4 yl or tetrahydro 2H pyran 3 yl capping group which compounds are provided for use in pharmaceutical compositions and methods for treating hepatitis C (HCV).

No. of Pages : 172 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1430/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INSPECTION METHOD FOR WELDED JOINT

(51) International classification :G01N23/04
(31) Priority Document No :2012266779
(32) Priority Date :05/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059091
Filing Date :27/03/2013
(87) International Publication No :WO 2014/087680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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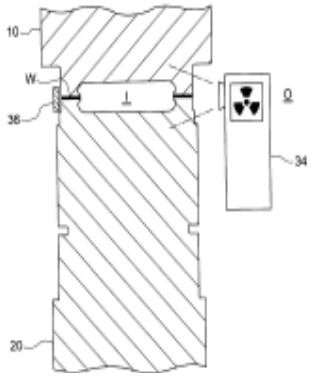
1)NISHIMOTO Shin
2)TANAKA Makoto
3)KAWASAKI Kenji
4)ENDO Hiroyuki
5)UCHIYAMA Kentaro
6)KOORI Yoshinobu

(57) Abstract :
1The purpose of the present invention is to make it possible to inspect a welded joint surface located in a place that cannot be visually observed without boring an inspection hole in a base metal. An inspection method for a welded joint comprises: a groove formation step in which groove portions (12 22) and butt surfaces (14 24) are formed in a joint surface (Wc) formed between two base metals (10 20) and a recessed groove (32) that is open on the surfaces of base metals (10 20) is previously formed at one ends of the butt surfaces; a radiation application step in which after at least one pass build up welding (P) is performed on the grooves (12 22) radiation is applied to the joint surface (Wc) from a radiation application device (34) disposed on the groove portion formation side (outer space (O) side); and a determination step in which an image is formed on a sensitized film (42) by the radiation transmitted through the joint surface (Wc) and on the basis of the image the presence or absence of lack of penetration in a welded joint portion (W) is determined.



No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1431/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THROUGH MOLD VIA RELIEF GUTTER ON MOLDED LASER PACKAGE (MLP) PACKAGES

(51) International classification :H01L23/31,H01L23/485,H01L23/498
(31) Priority Document No :61/751313
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011230
Filing Date :13/01/2014
(87) International Publication No :WO 2014/110482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)JHA Gopal C.
3)ALDRETE Manuel

(57) Abstract :
Improved Molded Laser Package (MLP) Packages which include a relief path for pressure and reduces the risk of shorting adjacent solder balls are provided. The MLP packages may include a gutter integrally connected to one or more through mold vias allowing a path to relieve pressure created when moisture gets entrapped in through mold vias during the manufacturing process while also reducing the risk of solder shorts between adjacent solder balls located in the through mold vias. Additionally MLP packages which include gutters integrally connected to one or more through mold vias may enable tighter bump pitch and thinner packages. As a result process margins and risks associated with surface mount technology (SMT) may be improved and provide more flexibility on inventory staging.

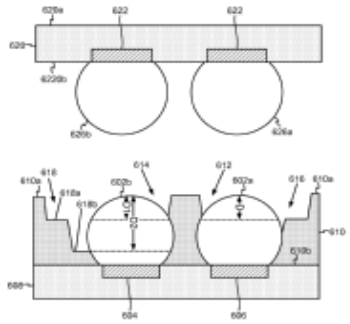

FIG. 6

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1349/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFINITELY VERTICALLY ADJUSTABLE INTERVERTEBRAL FUSION IMPLANT

(51) International classification :A61F2/44,A61B17/70,A61F2/46
(31) Priority Document No :20 2012 011 959.1
(32) Priority Date :14/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/076685
Filing Date :16/12/2013
(87) International Publication No :WO 2014/091028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DMUSCHEWSKY Klaus

(57) Abstract :
The application relates to an intervertebral fusion implant for fusing two adjacent vertebrae comprising a base piece (2) a cover piece (3) and an expansion device. The base piece (2) and the cover piece (3) are connected by an externally hinged rocker (4) that is located therebetween and the expansion device is an expansion clamp (6 6) on the rocker a pushing device (5) being provided for the expansion clamp. The expansion clamp allows the rocker to be raised so that the implant expands vertically. Since the rocker is externally hinged a large vertical travel path is available. Furthermore the frictional forces of the expansion clamp prevent an unwanted return movement.

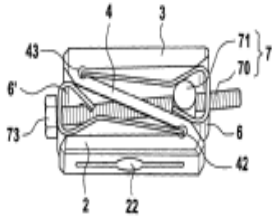

Fig. 3

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1350/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL MACHINE.

(51) International classification :H02K5/10,H02K5/22,H02K11/00
(31) Priority Document No :BO2012A000682
(32) Priority Date :18/12/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/060976
Filing Date :16/12/2013
(87) International Publication No :WO 2014/097109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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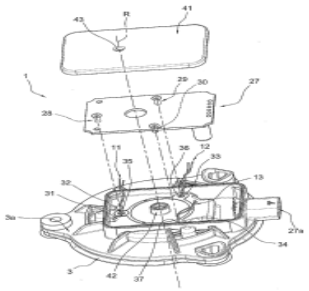
(72)**Name of Inventor :**
1)DE FILIPPIS Pietro

(57) Abstract :
Described is an electric motor (1) comprising a casing (2); a cap (3) coupled to the casing (2) to form a housing (4) of the electric motor (1); a stator (5) comprising a plurality of poles and a three phase winding (8) each phase having one end (11 12 13) housed in the housing (4); a rotor (20) inserted in the housing (4) and rotatably constrained to it; a control printed circuit board (27) connected to the stator (5); the outside of the housing (4) comprising a seat (31) for the printed circuit board (27) in communication with the inside of the housing (4) by means of at least one hole (32 33 34); the printed circuit board (27) is housed in the seat (31) and the electric motor (1) comprises a rigid system (100) for sealed connection between the printed circuit board (27) and the winding (8) at the hole (32 33 34).

FIG. 1



No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1433/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPACT MACHINE

(51) International classification :B25D17/24,F16F7/116
(31) Priority Document No :12197489.3
(32) Priority Date :17/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/076996
Filing Date :17/12/2013
(87) International Publication No :WO 2014/095936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SWEREA IVF AB
Address of Applicant :Box 104 S 431 22 Mlndal Sweden
(72)**Name of Inventor :**
1)LINDELL Hans

(57) Abstract :
Impact machine (100 200) which is adapted to perform a hammering operation on a surface or an object to be worked upon. In particular a vibration reduction arrangement (140 240) is attached to the housing (105 205 305 405) and comprises a moveable counterweight interacting with a motion reversing arrangement having a non linear spring characteristics such that the motion of the counterweight can be brought into a counter acting movement in relation to the vibrations in the housing (105 205 305 405) of the hammering element (110 210 310 410) thus substantially reducing the vibrations.

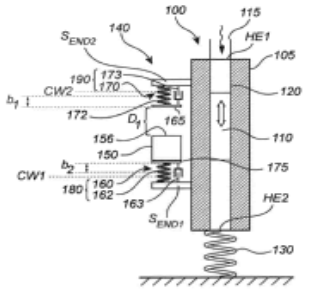


Fig. 3a

No. of Pages : 61 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1434/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF A WATER SOLUBLE COPOLYMER FOR PREPARING AN AQUEOUS LIME SUSPENSION

(51) International classification :C04B2/04,C01F11/02,C01F17/00
(31) Priority Document No :1260970
(32) Priority Date :19/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052766
Filing Date :18/11/2013
(87) International Publication No :WO 2014/076437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MONGOIN Jacques
2)BELLI Fabrizio
3)BERLENDIS Angelo

(57) Abstract :
The present invention concerns a suspension made from lime comprising a water soluble copolymer as an additive and a method for preparing such a suspension. Such suspensions are used in particular as chemical neutralising agents in industrial or domestic processes.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1435/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEALED SOLENOID MAGNETICALLY OPERATED HIGH VOLTAGE ELECTRIC POWER SWITCH

(51) International classification :G21C15/25
(31) Priority Document No :61/736018
(32) Priority Date :12/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074774
Filing Date :12/12/2013
(87) International Publication No :WO 2014/093682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BLALOCK Frank
4)MCCORD Neil
5)ALEXANDER Roy
6)DAVEY Kent
7)HORN William

(57) Abstract :
A sealed solenoid magnetically operated electric power switch is suitable for use as capacitor line and load switch operating at transmission and distribution voltages that includes no seals through the sealed container housing the contactor portion of the switch. The sealed solenoid switch includes a magnetically operated drive system with an actuator that magnetically couples across the container wall to avoid the use of a moving or sliding seal as part of the drive system. The sealed solenoid switch may also include a ballast resistor and resistor contact located inside the sealed container to avoid another seal as part of the ballast system. A magnetic latch holds the switch in a closed position and a spring holds the switch in the closed position to avoid the need for an energizing current to maintain the switch in either position.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2015

(21) Application No.1276/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THIOETHER DERIVATIVES AS PROTEIN KINASE INHIBITORS

(51) International classification :C07D495/04,A61K31/519,A61P35/00
(31) Priority Document No :EP 12007825
(32) Priority Date :20/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/003387
Filing Date :11/11/2013
(87) International Publication No :WO 2014/079545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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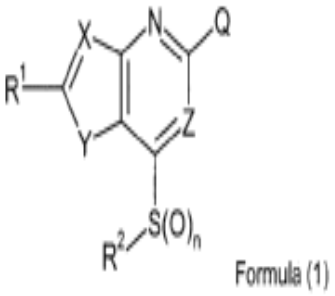
3)EHLERT Jan
4)TOTZKE Frank
5)KUNICK Conrad
6)W–LFEL Sebastian
7)WEBER Holger

(57) Abstract :
The present invention relates to thioether derivatives (1) as protein kinase inhibitors which are useful for the treatment relieve and/or prevention of diseases associated with abnormal and hyperproliferation of cells in a mammal especially humans and which are particularly useful for the treatment of all forms of cancer.



Formula (1)

No. of Pages : 83 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1277/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING BASE STATION IDENTITY

(51) International classification	:H04W8/26,H04W48/14,H04W64/00
(31) Priority Document No	:13/657676
(32) Priority Date	:22/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/061644 :25/09/2013
(87) International Publication No	:WO 2014/065981
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KANG Insung
2)CHEN Qingxin
3)TSAI Shiau He

(57) Abstract :
Methods for improving the time to acquire an identity of a base station by a mobile station by relying on locally unique attributes of the base stations instead of globally unique attributes of the base stations are presented. In some embodiments data may be requested the data may contain a globally unique attribute of a base station a first locally unique attribute of the base station and a second locally unique attribute of the base station. In some embodiments data may be received in response to the request the data may contain at least the first locally unique attribute and the second locally unique attribute. It may then be determined that the data did not contain the globally unique attribute and an identity of the base station based at least in part on the first locally unique attribute and the second locally unique attribute may be acquired.

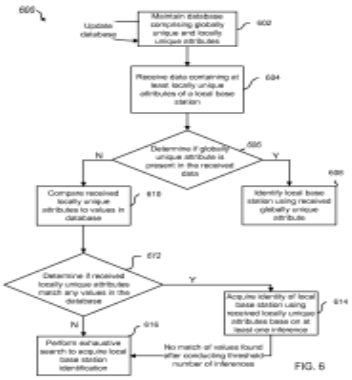

FIG. 6

No. of Pages : 39 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1278/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOOP FILTERING ACROSS CONSTRAINED INTRA BLOCK BOUNDARIES IN VIDEO CODING

(51) International classification	:H04N19/30,H04N19/117,H04N19/157
(31) Priority Document No	:61/729985
(32) Priority Date	:26/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/072060 :26/11/2013
(87) International Publication No	:WO 2014/082088
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHONG In Suk
2)SEREGIN Vadim
3)KARCZEWICZ Marta

(57) Abstract :
This disclosure describes techniques for coding video data. In particular this disclosure describes techniques for loop filtering for video coding. The techniques of this disclosure may apply to loop filtering and/or partial loop filtering across block boundaries in scalable video coding processes. Loop filtering may include for example one or more of adaptive loop filtering (ALF) sample adaptive offset (SAO) filtering and deblocking filtering.

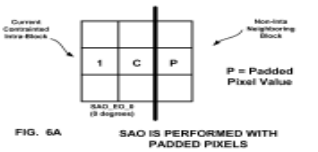

FIG. 6A SAO IS PERFORMED WITH PADDED PIXELS

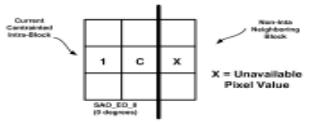

FIG. 6B SAO IS SKIPPED

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1444/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MONOLITHICALLY ISLED SOLAR PHOTOVOLTAIC CELLS AND MODULES

(51) International classification :H01L31/042,H01L31/18
(31) Priority Document No :61/722620
(32) Priority Date :05/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068599
Filing Date :05/11/2013
(87) International Publication No :WO 2014/071417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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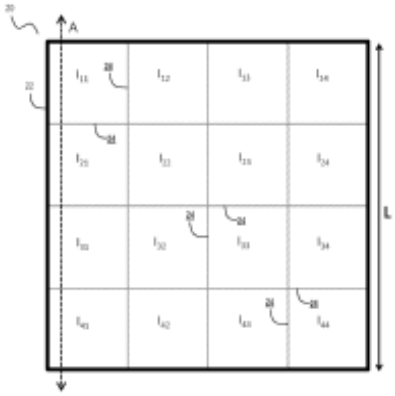
Address of Applicant :1530 Mccarthy Blvd Milpitas CA 95035 U.S.A.
(72)**Name of Inventor :**
1)MOSLEHI Mehrdad M.

(57) Abstract :
According to one aspect of the disclosed subject matter a monolithically isled solar cell is provided. The solar cell comprises a semiconductor layer having a light receiving frontside and a backside opposite the frontside and attached to an electrically insulating backplane. A trench isolation pattern partitions the semiconductor layer into electrically isolated isles on the electrically insulating backplane. A first metal layer having base and emitter electrodes is positioned on the semiconductor layer backside. A patterned second metal layer providing cell interconnection and connected to the first metal layer by via plugs is positioned on the backplane.



No. of Pages : 173 No. of Claims : 107

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1445/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TUBING ELEMENT FOR A HEAT EXCHANGER MEANS

(51) International classification :F28D1/047,F28D1/02,F28F1/24
(31) Priority Document No :12195014.1
(32) Priority Date :30/11/2012
(33) Name of priority country :EPO
(86) International Application No:PCT/IB2013/060570
Filing Date :02/12/2013
(87) International Publication No :WO 2014/083552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUESADA S. Carlos
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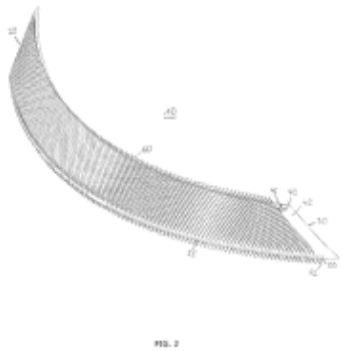
(72)**Name of Inventor :**
1)QUESADA S. Carlos

(57) Abstract :
The present invention relates to a tubing element (10 10) for a heat exchanger means (100 100) the tubing element (10 10) being at least partially a rigid elongated heat exchanger tubing having at least a first end (20) and at least a second end (30) and having a first side wall (40) and a second side wall (50) the first side wall (40) and the second side wall (50) being arranged substantially parallel to each other and the distance (d) between the first side wall (40) and the second side wall (50) being considerably smaller than the width (W) of the first side wall (40) and the second side wall (50) resulting in a substantially overall flat tubing structure with connection walls (45 55) on both sides the tubing element (10 10) having a plurality of fins (60 60) on at least one of the outer surfaces (42 52) of the first side wall (40) and/or of the second side wall (50) wherein the fins (60) have a defining angle Y enclosed by the fins (60) and a connection wall (45 55). Furthermore the present invention relates to a heat exchanger means the use of a tubing element (10 10) the use of a heat exchanger means (100 100) and the method of manufacturing of a tubing element (10 10) to manufacture at least partially a heat exchanger means (100 100).



No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1368/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIRTUAL BOUNDARY CODES IN A DATA IMAGE OF A READ WRITE MEMORY DEVICE

(51) International classification :G06F3/06,G06F12/02,G11C29/00
(31) Priority Document No :13/720532
(32) Priority Date :19/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068939
Filing Date :07/11/2013
(87) International Publication No :WO 2014/099169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ALI Dhamim Packer
2)BABU Benish
3)ELLALA Taara Nandakishore
4)KUMAR Ashwani

(57) Abstract :
Methods systems and devices are provided for configuring a read write memory device with a data image. The method includes determining a data image distribution based on a virtual block size of a series of virtual blocks designated for the read write memory device. The data image is divided into one or more data image portions wherein a virtual boundary code is appended to at least one of the data image portions. The data image portions are stored in respective virtual blocks of the series of virtual blocks skipping over any bad block within the read write memory device even between the virtual blocks.

No. of Pages : 55 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1369/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENABLING COLLABERATIVE INTERACTIONS AMOUNG DEVICES ON A PEER TO PEER NETWORK

(51) International classification :H04W4/00,H04W84/18
(31) Priority Document No :13/732431
(32) Priority Date :01/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076229
Filing Date :18/12/2013
(87) International Publication No :WO 2014/107313
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)RAMACHANDRAN Krishnan

(57) Abstract :
A method an apparatus and a computer program product for collaboratively communications among device are provided in which a communications device is operable to receive a message from a peer device in the communications environment which indicates that an event associated with the peer device has occurred. Further based on reception of the message the device may be operable to change at least one of functionality from a normal operating state to a modified operating state. Similarly a device may be operable to receive a message indicating various functionalities active on a peer device. When the device detects occurrence of an event it may determine whether any of the various functionalities associated with the peer device may be affected. Where any of the functionalities are affected the device may generate a message for the peer device associated with the affected functionality and may transmit the message to the peer device.

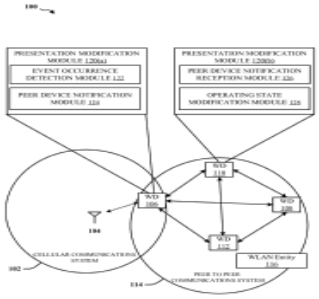

FIG. 1

No. of Pages : 49 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.1452/MUM/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTROMAGNETIC HIGHLY TRANSPARENT RADOME FOR MULTI-BAND APPLICATIONS AND BROADBAND APPLICATIONS

(51) International classification :H01Q1/42
(31) Priority Document No :102014005299.0
(32) Priority Date :10/04/2014
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AIRBUS DEFENCE AND SPACE GMBH
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(72)**Name of Inventor :**
1)Peter Starke
2)Kay W. Dittrich
3)Clemens Brand

(57) Abstract :
A radome having a core layer (120) and two cover layers (110, 130) is specified, wherein the core layer is arranged between the two cover layers. Each of the two cover layers is composed of a plurality of partial layers which, by means of their respective dielectric constant, are embodied such that the radome provides a high mechanical stability and a high electromagnetic transparency. The dielectric constant of adjacent partial layers thereby alternates from relatively high to relatively low in the direction towards the core layer, and vice versa.

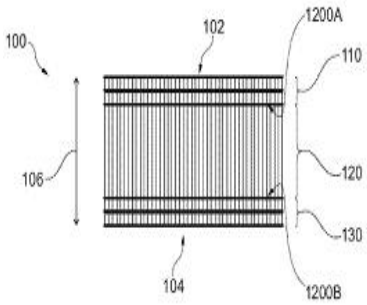

Fig. 2

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015
(21) Application No.1452/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER INTERFACE FOR AUGMENTED REALITY ENABLED DEVICES

(51) International classification :G06T19/00
(31) Priority Document No :13/718923
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071044
Filing Date :20/11/2013
(87) International Publication No :WO 2014/099231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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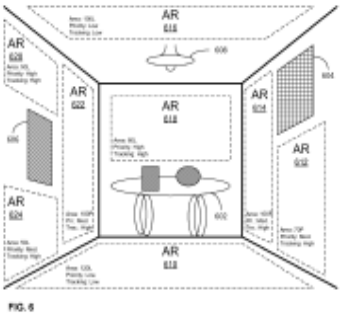
(72)**Name of Inventor :**
1)FORUTANPOUR Babak
2)GANESH Shriram
3)BAKER Daniel S.
4)YAMAKAWA Devender A.

(57) Abstract :
Method and apparatus for displaying augmented reality contents are disclosed. The method may include controlling a camera to scan an environment in view of a user identifying a set of surfaces in the environment for displaying user interface windows according to characteristics of the environment prioritizing a set of augmented reality contents for display with respect to the set of surfaces in the environment and displaying the set of augmented reality contents on the set of surfaces in a display. Characteristics of the environment comprise at least aspect ratio of the set of surfaces with respect to the set of augmented reality contents to be displayed and/or background color of the set of surfaces with respect to the set of augmented reality contents to be displayed.



No. of Pages : 41 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1367/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING PERFORMANCE OF A COMPUTING DEVICE HAVING DISSIMILAR MEMORY TYPES

(51) International classification :G06F13/16,G06F12/06
(31) Priority Document No :61/735352
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067843
Filing Date :31/10/2013
(87) International Publication No :WO 2014/092876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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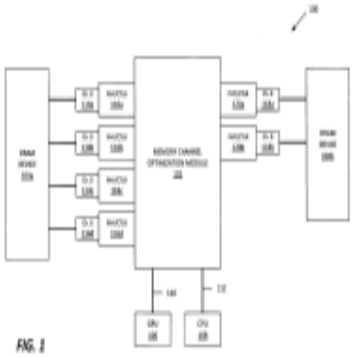
(72)**Name of Inventor :**
1)CHUN Dexter T.
2)GADELRAB Serag
3)MOLLOY Stephen
4)ZENG Thomas

(57) Abstract :
Systems and methods are provided for managing performance of a computing device having dissimilar memory types. An exemplary embodiment comprises a method for interleaving dissimilar memory devices. The method involves determining an interleave bandwidth ratio comprising a ratio of bandwidths for two or more dissimilar memory devices. The dissimilar memory devices are interleaved according to the interleave bandwidth ratio. Memory address requests are distributed from one or more processing units to the dissimilar memory devices according to the interleave bandwidth ratio.



No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1447/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERFACE FOR ADJUSTING THE MOTION OF A POWERED ORTHOTIC DEVICE THROUGH EXTERNALLY APPLIED FORCES

(51) International classification :A61H3/00
(31) Priority Document No :61/753252
(32) Priority Date :16/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011653
Filing Date :15/01/2014
(87) International Publication No :WO 2014/113456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AMUNDSON Kurt
2)HARDING Nathan
3)STRYKER James

(57) Abstract :
A lower extremity orthosis including at least one actuator configured to control a motion of at least one joint of a person wearing the orthosis is provided with a handle including a force sensor configured to produce a signal representing a force applied to the handle. A controller which is in communication with the force sensor and the at least one actuator is configured to modify the motion based on the signal from the force sensor. The system can be particularly employed to enable a physical therapist to have input in controlling and modifying the positions and/or forces prescribed by the lower extremity orthosis during rehabilitation of the person.

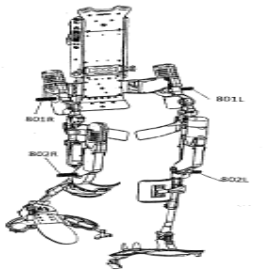

Fig. 8A

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.1448/MUM/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FOLDING VEHICLE

(51) International classification	:B62B2205/12, B62B7/10
(31) Priority Document No	:14164491.4
(32) Priority Date	:11/04/2014
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)•UNAPUU, Matti
2)N•LVAK, Rainer
3)REINSALU, Ardo

(57) Abstract :
The invention is related to a battery or mechanically powered, light, folding two-wheel or three-wheel personal vehicle that is rapidly lockable and unlockable at two points light. The vehicle of the invention comprises a frame with an upper frame pipe consisting of two parallel parts, the front end of which is connected to an upright element connecting the front wheel fork and the vehicles handlebar. A certain length of the distal end of the upper frame pipe extends distally from under the saddle. The vehicle has a lower frame pipe consisting of two parallel parts, the front end of which is connected to the upright element connecting the front wheel fork with the vehicles handlebar, the rear wheel or wheels of the vehicle are located at the distal end; there is support pipe consisting of two parallel parts between the saddle and the lower frame pipe, whereas the support pipe extends below the lower frame pipe so that the lower end of the support pipe is equipped with leg supports. The vehicle has auxiliary transportation wheels.

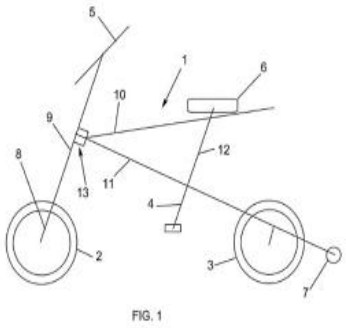

FIG. 1

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1448/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RECONFIGURABLE EXOSKELETON

(51) International classification :A61H1/02
(31) Priority Document No :61/735816
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074353
Filing Date :11/12/2013
(87) International Publication No :WO 2014/093470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EVANS Jonathan
3)SANDLER Reuben
4)HARDING Nathan
5)JULIN Aaron
6)LUBIN James
7)HEANUE Taylor
8)FAIRBANKS Dylan
9)STRYKER James

(57) Abstract :
An exoskeleton (100; 200) can be reconfigured adjusted and/or controlled on the fly utilizing devices which fall into three categories particularly including a swappable unactuated leg lockable transverse and coronal hip rotations and software controlled free joints. More specifically the first device allows for the creation of a modular joint system in which individual exoskeleton joints (230; 231; 232; 233; 249) or limbs (112L; 112R) can be changed or swapped to optimize an exoskeleton for a particular user. The second device is concerned with mechanically controlling such as locking and unlocking joints thereby allowing for example an exoskeleton leg to pivot or not pivot in an axis that is not actuated.

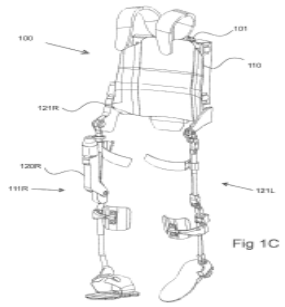

Fig 1C

No. of Pages : 38 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1287/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITION OF TNFR:FC FUSION PROTEIN

(51) International classification :A61K38/17,A61K39/395,A61P43/00
(31) Priority Document No :1235/KOL/2012
(32) Priority Date :26/10/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/059612
Filing Date :24/10/2013
(87) International Publication No :WO 2014/064637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :159 CST Road Kalina Santacruz (East) Mumbai 400 098 State of Maharashtra Maharashtra India
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2)DEOKAR Vaibhav Dyaneshwar
3)MODY Rustom Sorab

(57) Abstract :
The present invention relates to the stable pharmaceutical compositions comprising tumor necrosis factor receptor Fc fusion protein (TNFR:Fc). More particularly it relates to the stable pharmaceutical compositions comprising tumor necrosis factor receptor Fc fusion protein (TNFR:Fc) phosphate citrate buffer. It also relates to the methods of manufacturing the composition method of administration and kits containing the same.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1288/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITION OF PEGINTERFERON ALPHA 2B

(51) International classification :A61K38/21,A61K47/40,A61K47/48
(31) Priority Document No :1234/KOL/2012
(32) Priority Date :26/10/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/059657
Filing Date :25/10/2013
(87) International Publication No :WO 2014/064652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUPIN LIMITED
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(72)**Name of Inventor :**
1)VADGAMA Paresh Natwarlal
2)APTE DESHPANDE Anjali Deepak
3)MODY Rustom Sorab

(57) Abstract :
The present invention relates to the stable pharmaceutical compositions comprising PEG interferon alpha 2b. More particularly it relates to the stable pharmaceutical compositions comprising PEG interferon alpha 2b and cryoprotectant selected from the group consisting of 2 Hydroxy propyl beta cyclodextrin sucralose or polyvinylpyrrolidone 4000. It also relates to the methods of manufacturing the composition method of administration and kits containing the same.

No. of Pages : 17 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2015

(21) Application No.1289/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATED REPORT GENERATION METHOD

(51) International classification :G06F17/30
(31) Priority Document No :2012144538
(32) Priority Date :31/10/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2013/000040
Filing Date :21/01/2013
(87) International Publication No :WO 2014/070037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIMITED LIABILITY COMPANY 1C
Address of Applicant :Pokrovka str. 14/2 bld. 1 room. VI Moscow 101000 Russia
(72)**Name of Inventor :**
1)NURALIEV Sergey Georgievich
2)LEYBOVICH Maxim Mikhaylovich

(57) Abstract :
This invention belongs to information technologies area; in particular to automatic report generation methods. It enriches the set of available report creation technological tools with customization options and increased usability of customization settings available to end users. This technical result is reached due to the following advantages of the report generation method: preliminary creation of a data structuring schema for report generation with customizable query text data sets data links available report fields and data retrieval parameters and then saving the schema to a storage; specifying default data structuring settings; generating a report template according to the created data structuring schema and specified data structuring settings; and generating a report based on the template.

No. of Pages : 11 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1370/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FRAMEWORK AND METHOD FOR DYNAMIC TALKER ID BASED MEDIA TREATMENT IN A GROUP COMMUNICATION

(51) International classification :H04W4/10
(31) Priority Document No :13/733232
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077891
Filing Date :26/12/2013
(87) International Publication No :WO 2014/107398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHARMA Sandeep
2)SHUMAN Mohammed Ataur R.
3)GOEL Amit

(57) Abstract :
A framework is provided that enables a group communication session participant to specify the manner in which his or her computing device handles/renders media received from other group communication session participants based on the identity of the sender of the media. The various embodiments enable the group communication participant to manage the presentation of media on the various interfaces of his or her computing device based on both the type of the received media and the sender ID (i.e. talker ID) associated with the received media. In an embodiment the user may be enabled to dynamically switch the media handling settings during a group communication session.

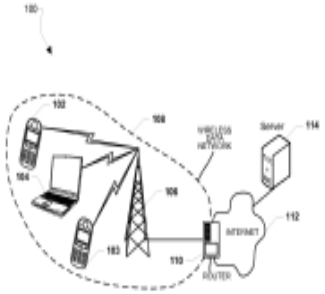

FIG. 1

No. of Pages : 43 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015

(21) Application No.1455/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR IDENTIFYING PATIENT SPECIFIC DRIVER MUTATIONS

(51) International classification :G01N33/48,C12Q1/68,G01N21/64
(31) Priority Document No :61/753458
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050054
Filing Date :16/01/2014
(87) International Publication No :WO 2014/111936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVELLUSDX LTD.
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(72)**Name of Inventor :**
1)ALTSCHULER Yoram
2)TARCIC Gabi

(57) Abstract :
Methods for identifying patient specific driver mutations are provided. The methods provided identify specific patient derived markers associated with aberrant signal transduction pathways in biological samples of a cancer patient.

No. of Pages : 91 No. of Claims : 31

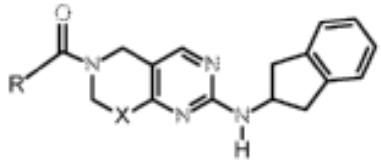
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1362/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRIDO OR PYRROLO FUSED PYRIMIDINE DERIVATIVES AS AUTOTAXIN INHIBITORS FOR TREATING PAIN

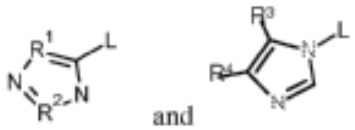
(51) International classification :C07D487/04,A61K31/5025,C07D471/04
(31) Priority Document No :61/751363
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010400
Filing Date :07/01/2014
(87) International Publication No :WO 2014/110000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis IN 46206 U.S.A.
(72)**Name of Inventor :**
1)BEAUCHAMP Thomas James
2)DAO Yen
3)JONES Spencer Brian
4)NORMAN Bryan Hurst
5)PFEIFER Lance Allen

(57) Abstract :
212334323222222332223223222242222322 2The present invention provides compounds of the Formula I: [Formula should be inserted here] wherein X is a bond or CH; R is selected from the group consisting of [Formula should be inserted here] R and R are each independently selected from the group consisting of CH and N; R is H or CH; R is H or CH; L is selected from the group consisting of 0(CH) C(0)NH(CH) CHC(0)NH(CH) (CH)N(C(0)CH)CH (CH)N(C(0)CH)CH (CH)NH (CH)OCH (CH) (CH)NHCH (CH)0 and CH0(CH) ; pharmaceutically acceptable salt thereof. Compounds of this invention are autotaxin inhibitors.



I



and ;

No. of Pages : 80 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1363/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AMINE SALTS OF LAQUINIMOD

(51) International classification :A61P25/00,A61P25/18,A61P25/28
(31) Priority Document No :61/723495
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067686
Filing Date :31/10/2013
(87) International Publication No :WO 2014/074381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FRENKEL Anton
2)LAXER Avital
3)ARONHEIM Judith

(57) Abstract :
The subject invention provides a Laquinimod amine salt which is laquinimod meglumine laquinimod choline hydroxide laquinimod L lysine or laquinimod monoethanolamine.

No. of Pages : 66 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1364/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN EDIBLE COMPOSITION COMPRISING RESVERATROL AND FLAVONOID MONOGLUCOSIDE

(51) International classification	:A23L1/30,A61K8/60,A61K31/05
(31) Priority Document No	:12195842.5
(32) Priority Date	:06/12/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/074833 :27/11/2013
(87) International Publication No	:WO 2014/086632
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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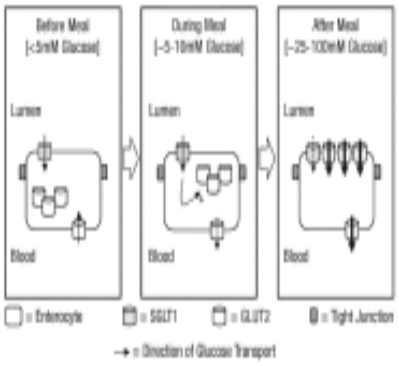
(72)**Name of Inventor :**
1)BERRY Mark John
2)FOWLER Mark Ian
3)HEATH Alan David

(57) Abstract :
Foods or meals high in available carbohydrate such as sucrose or starch increase postprandial blood glucose concentrations. Repeated high post prandial plasma glucose spikes are associated with an increased risk of developing type II diabetes. Unregulated glycemic excursions are undesirable and any reduction or blunting of the post prandial glucose concentration in blood is potentially beneficial. This invention relates to an edible composition for delay of intestinal glucose uptake through synergistic inhibition of both active sodium glucose co transporter 1 (SGLT1) and passive glucose transporter 2 (GLUT2) leading to flattening or blunting of the post prandial glucose peak. In a first aspect of the invention an edible composition is provided in the form of a single serving of one or more unit dosages wherein the edible composition comprises 20 2000 preferably 30 1000 most preferably 40 500 mg a 3 5 dihydroxy trans stilbene and 10 2000 preferably 20 1000 most preferably 40 500 mg flavonoid monoglucoside or dihydrochalcone monoglucoside.

Fig. 1



No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015
(21) Application No.1450/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION FOR USE AS A SUPPORT THERAPY FOR TREATMENT OF TUMOURS AIDS AND LEUKAEMIA

(51) International classification :A61K35/00,A61P37/04,A61P35/02
(31) Priority Document No :MI2012A002270
(32) Priority Date :31/12/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/002890
Filing Date :31/12/2013
(87) International Publication No :WO 2014/102595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOGNA Giovanni
Address of Applicant :Viale Roma 13/B I 28100 Novara Italy
(72)**Name of Inventor :**
1)MOGNA Giovanni

(57) Abstract :
The present invention relates to a composition for use as support therapy in antitumor chemotherapeutic treatments in acquired immunodeficiency syndrome treatments and in leukemia treatments. Said composition comprising a bacterial strain belonging to the species Lactobacillus pentosus and having an antiviral and an antibacterial activity and a highly bioavailable zinc internalized in a tyndalized bacterial cell mixed with at least one rubber preferably an alginate and/or a gel preferably a gel.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015

(21) Application No.1451/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED MRAM CACHE MODULE

(51) International classification :G11C11/16,G06F12/08,G11C15/00
(31) Priority Document No :13/721092
(32) Priority Date :20/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076994
Filing Date :20/12/2013
(87) International Publication No :WO 2014/100619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DONG Xiangyu
2)KIM Jung Pill
3)SUH Jungwon

(57) Abstract :
Systems and methods for integrated magnetoresistive random access memory (MRAM) modules. An integrated circuit includes a processor without a last level cache integrated on a first chip a MRAM module comprising a MRAM last level cache and a MRAM main memory integrated on a second chip wherein the MRAM module is a unified structure fabricated as monolithic package or a plurality of packages. The second package further includes memory controller logic. A simplified interface structure is configured to couple the first and the second package. The MRAM module is designed for high speed high data retention aggressive prefetching between the MRAM last level cache and the MRAM main memory improved page handling and improved scalability.

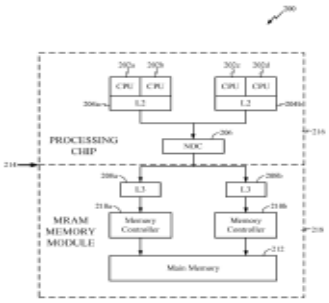

FIG. 2

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1379/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY DEVICE

(51) International classification :H04R1/02,H04N5/64
(31) Priority Document No :2012289074
(32) Priority Date :28/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/084068
Filing Date :19/12/2013
(87) International Publication No :WO 2014/103871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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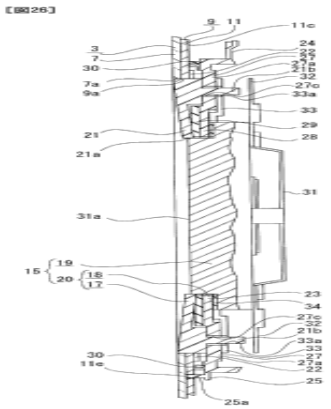
(72)**Name of Inventor :**
1)HIRAYAMA Masatoshi
2)KUSUNOKI Haruto

(57) Abstract :
An objective of the present invention is to effect an improvement in location precision of a speaker unit and to prevent sound leakage or air leakage of sound which is outputted from the speaker unit. A display device comprises: a display whereupon an image is displayed in a display screen; a front board which is positioned on the front side of the display; a frame for positioning which is positioned on the rear surface side of the front board and which further comprises speaker positioning parts; speaker brackets which are positioned upon the speaker positioning parts and which further comprise sound output holes; and speaker units which are attached to the speaker brackets and which further comprise sound output parts. Through holes are formed in the speaker positioning parts. Positioning holes are formed in the front board which overlap with the through holes. Protrusion parts for positioning are disposed in the speaker brackets are inserted in the through holes and the positioning holes and are aligned with respect to the positioning holes. Ring shaped airtight cushions are disposed in the speaker brackets being located in the circumferences of the sound output parts.



No. of Pages : 70 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1380/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS OF REDUCING RANDOM NOISE IN DIGITAL VIDEO STREAMS

(51) International classification :G06T5/00,G06T5/20,G06T5/50
(31) Priority Document No :13/734595
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073659
Filing Date :06/12/2013
(87) International Publication No :WO 2014/107263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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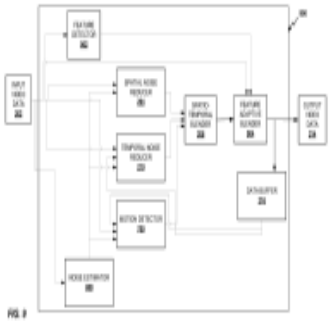
2)BHASKARAN Vasudev
3)SRINIVASAN Sujith
4)SAHU Shilpi

(57) Abstract :
Method and apparatus for reducing random noise in digital video streams are described. In one innovative aspect the device includes a noise estimator. The device also includes a motion detector configured to determine a motion value indicative of motion between two frames of the video stream the motion value based at least in part on the noise value. The device further includes a spatial noise reducer configured to filter the image data based at least in part on a blending factor and the noise value. The device also includes a temporal noise reducer configured to filter the video data based on the motion value and the noise value. The device also includes a blender configured to blend the spatial and temporal filtered values to provide a weighted composite filtered output image.



No. of Pages : 47 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.1460/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHT EMITTING UNIT COMPRISING A LIGHT GUIDE UNIT FOR A PROJECTOR LAMP

(51) International classification :F21S8/10
(31) Priority Document No :A 50609/2012
(32) Priority Date :20/12/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050236
Filing Date :05/12/2013
(87) International Publication No :WO 2014/094018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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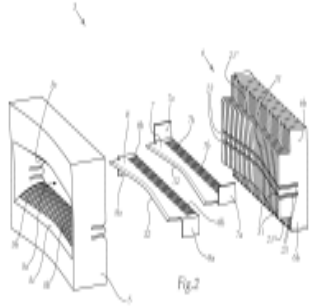
(72)**Name of Inventor :**
1)KRENN Irmgard

(57) Abstract :
The invention relates to a light guide unit (3) for a light emitting unit (1) for a projector lamp in particular a motor vehicle headlamp wherein the light emitting unit (1) comprises a plurality of light sources (2) the light guide unit (3) and a downstream projection lens (4) wherein the light guide unit (3) has a plurality of light guides (30) wherein each light guide (30) has in each case one light exit surface (30a) and wherein each light source (2) couples light precisely into a light guide (30) assigned thereto and wherein adjacent light guides (30) are separated from one another by separating walls (31 32). In accordance with the invention the light guide unit (3) comprises an accommodating element (5) which accommodating element (5) has an accommodating opening (5a) which passes completely through the accommodating element (5) in the light exit direction and furthermore comprises at least one light guide body (6) which at least one light guide body (6) is in the form of a component formed separately from the accommodating element (5) in which at least one light guide body (6) at least some of the light guides (30) of the light guide unit (3) are formed and wherein the at least one light guide body (6) is inserted into the accommodating opening (5a) of the accommodating element (5).



No. of Pages : 41 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1382/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RENDERING AUGMENTED REALITY BASED ON FOREGROUND OBJECT

(51) International classification :G06T7/00,G06F3/01,G06T19/00
(31) Priority Document No :13/733740
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073510
Filing Date :06/12/2013
(87) International Publication No :WO 2014/107261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHARMA Piyush
2)REZAIIFAR Ramin

(57) Abstract :
A mobile device detects a moveable foreground object in captured images e.g. a series of video frames without depth information. The object may be one or more of the user s fingers. The object may be detected by warping one of a captured image of a scene that includes the object and a reference image of the scene without the object so they have the same view and comparing the captured image and the reference image after warping. A mask may be used to segment the object from the captured image. Pixels are detected in the extracted image of the object and the pixels are used to detect the point of interest on the foreground object. The object may then be tracked in subsequent images. Augmentations may be rendered and interacted with or temporal gestures may be detected and desired actions performed accordingly.

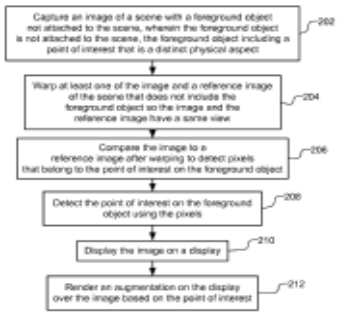

Fig. 2

No. of Pages : 38 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1383/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SWING COMPENSATION IN STEP DETECTION

(51) International classification :G01C22/00
(31) Priority Document No :61/745535
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071068
Filing Date :20/11/2013
(87) International Publication No :WO 2014/099232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AHUJA Disha
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5)PALANKI Ravi

(57) Abstract :
Step detection accuracy in mobile devices is increased by determining whether swinging is taking place. According to the invention swinging can be detected using threshold detection Eigen analysis hybrid frequency analysis and/or gyroscope based analysis for example. The determination that swinging is (or may be) occurring can impact how the mobile device reports detected steps for step detection. A count of missteps and/or a level of certainty based on swing detection can be provided with a step count.

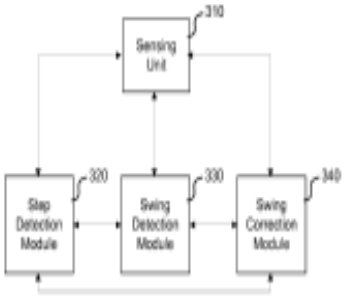

FIG. 3

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.1466/MUM/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR INSPECTING AND TAILORING A MOVING PRODUCT WEB

(51) International classification	:B65H20/00; G01N21/84
(31) Priority Document No	:102014005347.4
(32) Priority Date	:11/04/2014
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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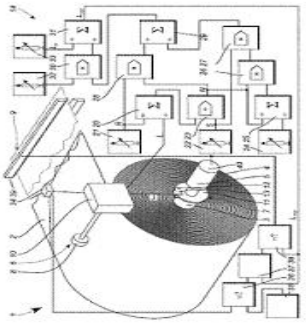
(72)**Name of Inventor :**
1)Alfred EDER
2)Alexander THOMALLA
3)Stephan PITTINO

(57) Abstract :
In a method for inspecting and tailoring a predefined point of a moving product web (2), the moving product web (2) is located at least partly on a winder (3). Both a relative running length L of the product web (2) and an associated angle of rotation α of the winder (3) are captured. From these values, the absolute running length LTOT of the moving product web (2) is then calculated. A camera (34) captures the moving product web (2). The camera value is compared with a reference value (36) and, together with the absolute running length LTOT of the moving product web (2), is stored in a file (37). At a later time, with the aid of the file (37), the defective points of the moving product web (2) are moved to. The absolute running length LTOT is determined again and compared with the file (37). Therefore, the defective points can easily be separated out from the moving product web (2).



No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.1466/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CIRCUMCISION ANASTOMAT

(51) International classification :A61B17/326
(31) Priority Document No :201210442303X
(32) Priority Date :08/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086803
Filing Date :08/11/2013
(87) International Publication No :WO 2014/071871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZHANG Shoufu
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(72)**Name of Inventor :**
1)ZHANG lunxiang

(57) Abstract :
A circumcision anastomat comprises three parts: an upper anastomat (1) a lower anastomat (9) and a rivet fastening and adjusting component wherein the upper anastomat is provided with an outer cutter an inner cutter anti skid groove an anti skid protrusion a frenum protecting part and a plurality of rivet holes with the same size; the lower anastomat is provided with an inner cutter an outer cutter anti skid groove an anti skid protrusion a frenum protecting part a plurality of rivet holes with the same size and a plurality of rivet fastening columns with the same size; each rivet of the rivet fastening and adjusting component comprises a rivet tab a rivet screw rod part a rivet cap and a rivet nut; and the rivets pass through the rivet holes of the upper anastomat the rivet holes of the lower anastomat the fastening columns of the lower anastomat and a snap ring devices of the lower anastomat so that the upper anastomat and the lower anastomat are connected with each other integrally.

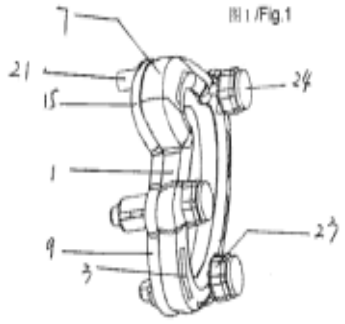

Fig.1

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1318/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR FORMING AN ANNULAR APEX FILLER FOR TIRE BEADS

(51) International classification :B29D30/48
(31) Priority Document No :2010201
(32) Priority Date :30/01/2013
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2014/050003
Filing Date :07/01/2014
(87) International Publication No :WO 2014/119996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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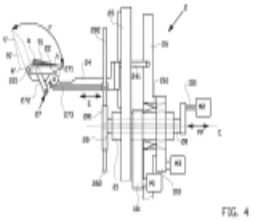
Address of Applicant :Gelriaweg 16 NL 8161 RK Epe Netherlands
(72)**Name of Inventor :**
1)SLOT Marco
2)VAN LAAR Gerard Johannes

(57) Abstract :
The invention relates to an apparatus and a method of forming an annular apex filler for tire beads. Said apparatus comprises a cylindrical former (2) for supporting a cut length of an apex filler strip (91) of elastomeric material wherein said cylindrical former (2) comprises a hollow rotary shaft (21) and a plurality of rigid circumferentially spaced apart fingers (22). The fingers (22) are movably connected to support members (24) for flipping the apex filler when wound on the cylindrical former. The support members (24) are movable connected to substantially radially extending guiding members (25). The guiding members (25) are connected to a hollow rotary shaft (21). The fingers (22) are connected via linkages (27) to a driving member (281) which is connected to a push/pull shaft (28) which extends at least partially through the hollow rotary shaft (21). Said apparatus further comprises a setting unit comprising a setting plate (26) said unit being arranged for moving the support members (24) radially inwardly or outwardly and a feed assembly for feeding said apex filler (91) to said cylindrical former (2).



No. of Pages : 35 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015
(21) Application No.1319/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEAT EXCHANGE SYSTEM

(51) International classification :F28F1/30,F28F1/32
(31) Priority Document No :1020130011729
(32) Priority Date :01/02/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000881
Filing Date :29/01/2014
(87) International Publication No :WO 2014/119942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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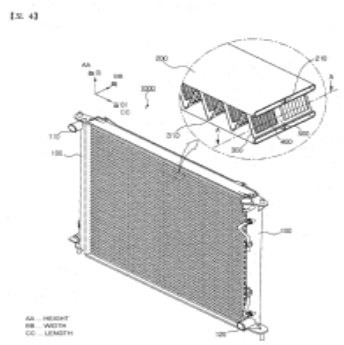
2)KIM Jae Yong
3)KIM Hyuk
4)MIN Eun Gi
5)JEON Seong Oh
6)JEONG Sun An

(57) Abstract :
The present invention relates to a heat exchange system and more particularly to a heat exchange system including a pair of header tanks arranged in parallel with a given space between them; a plurality of tubes with both ends connected to the pair of header tanks for forming flow passages of a heat exchange medium; a plurality of fins contacting the tubes between them; and a plurality of louvers arranged in the fins so as to contact the air passing around the fins wherein the louvers are asymmetrically arranged with reference to the widthwise center of the fins or the columns of the louvers formed asymmetrically in one or the other side of the fins are alternately arranged lengthwise of the fins so as to improve the flow of the cooling air thus enhancing the capability of discharging heat.



No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.1483/MUM/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO A TOOTHBRUSH

(51) International classification :A46B15/00
(31) Priority Document No :1416874.4
(32) Priority Date :24/09/2014
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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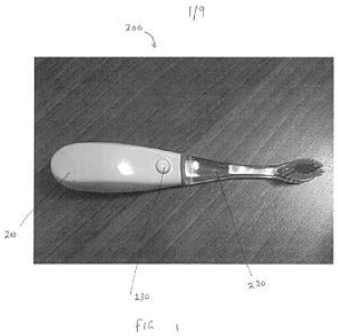
1)Jeremy, METTER

(57) Abstract :
An aspect of the invention relates to a toothbrush, comprising: a handle formed of a first material, comprising: an internal cavity, a first opening for receiving objects in the cavity, and a second opening for a button; a neck comprising a linking portion, a collar, a neck portion and a head portion, wherein the opening in the handle and the linking portion of the neck are suitably sized so that the linking portion of the neck slides inside the first opening of the handle and has a tight fit, and the collar limits the distance that the neck may slide into the handle; a button element comprising a pressing portion and a sealing portion, wherein the button element is formed of a second material different to the first material, the second material is more flexible than the first material, and the button element is formed in the second opening of the handle to seal the second opening; and an electronic module comprising a light element that may be activated by the button; wherein, when assembled, the linking portion of the neck is inserted in the first opening of the handle and the electronic module is contained within the handle, or the electronic module is contained within the handle and the neck. Another aspect of the invention relates to a process for manufacturing a toothbrush comprising the steps of: moulding a handle from a first material, using a single shot injection moulding process; moulding a neck using a single shot injection moulding process; forming a button from a second material, more flexible than the first material, in the handle using a second short injection moulding process; inserting an electronic module in the handle; inserting a linking portion of the neck in the handle; wherein the electronic module is completely contained within the handle, or the handle and neck; and the internal cavity is sealed at the first and second openings of the handle.



No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2015

(21) Application No.1222/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICES AND METHODS FOR FACILITATING DYNAMIC POWER REDUCTION DURING DISCONTINUOUS RECEPTION

(51) International classification :H04W52/02
(31) Priority Document No :61/738379
(32) Priority Date :17/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073866
Filing Date :09/12/2013
(87) International Publication No :WO 2014/099446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHANDRA Madhup
3)CHIRALA Ramesh Chandra
4)GURRAM Sunil Kumar
5)RAMANNAVAR Sandeep C.
6)RAYAPATI Hemanth Kumar

(57) Abstract :
User Equipments (UEs) are adapted to facilitate power conservation by dynamic selection of power reduction techniques during discontinuous reception (DRX) where the power reduction techniques are selected based on a DRX gap length. UEs may be adapted to calculate a DRX gap length and identify a power reduction technique associated with the determined DRX gap length. The identified power reduction technique may be applied to a receiver circuit during the DRX gap. Other aspects embodiments and features are also included.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1392/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A MOBILE ELECTRONIC DEVICE COMPRISING A MODIFIED SAPPHIRE

(51) International classification :G09F9/00
(31) Priority Document No :61/735761
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074091
Filing Date :10/12/2013
(87) International Publication No :WO 2014/093325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOYCE David B.
2)DUMM John Q.
3)ZAHLER James M.

(57) Abstract :
An electronic device comprising a cover plate is disclosed. The cover plate comprises at least one layer of modified sapphire having a dielectric constant that is higher than the dielectric constant of sapphire

No. of Pages : 15 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015
(21) Application No.1393/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTEXT BASED PARAMETER MAPS FOR POSITION DETERMINATION

(51) International classification :G01C21/20,H04W4/02
(31) Priority Document No :61/747976
(32) Priority Date :31/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077959
Filing Date :27/12/2013
(87) International Publication No :WO 2014/106029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PODURI Sameera
3)SRIDHARA Vinay
4)PAKZAD Payam

(57) Abstract :
In one implementation a method may comprise: storing a user profile indicative of at least one attribute of a user of a mobile station; determining a measurement value based at least in part on a signal from at least one sensor on the mobile station; and estimating a location of the mobile station based at least in part on an association of the at least one attribute and the measurement value with a context parameter map database.

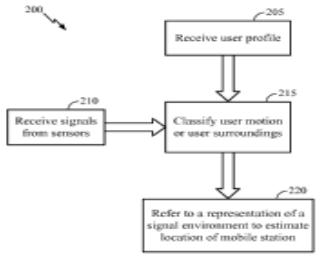

FIG. 2

No. of Pages : 52 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015
(21) Application No.1394/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY OF SEPARATE COMPUTER VISION BASED POSE AND INERTIAL SENSOR BASED POSE

(51) International classification :G01C21/16,G01C25/00,G06T7/00
(31) Priority Document No :13/725175
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073511
Filing Date :06/12/2013
(87) International Publication No :WO 2014/099410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)CHARI Murali Ramaswamy

(57) Abstract :
A mobile device determines a vision based pose using images captured by a camera and determines a sensor based pose using data from inertial sensors such as accelerometers and gyroscopes. The vision based pose and sensor based pose are used separately in a visualization application which displays separate graphics for the different poses. For example the visualization application may be used to calibrate the inertial sensors where the visualization application displays a graphic based on the vision based pose and a graphic based on the sensor based pose and prompts a user to move the mobile device in a specific direction with the displayed graphics to accelerate convergence of the calibration of the inertial sensors. Alternatively the visualization application may be a motion based game or a photography application that displays separate graphics using the vision based pose and the sensor based pose.

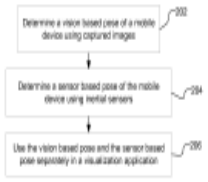

Fig. 5

No. of Pages : 27 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1480/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE DEVICE BASED TEXT DETECTION AND TRACKING

(51) International classification :G06K9/22,G06T7/00,G10L13/00
(31) Priority Document No :61/749248
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071518
Filing Date :22/11/2013
(87) International Publication No :WO 2014/107246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KIM Jieun
3)NIELSEN Per O.
4)LAWRENCE ASHOK INIGO Roy
5)PAN Qi
6)TALLONNEAU Romain

(57) Abstract :
Embodiments disclosed pertain to mobile device based text detection and tracking. In some embodiments a first reference frame is obtained by performing Optical Character Recognition (OCR) on an image frame captured by a camera to locate and recognize a first text block. A subsequent image frame may be selected from a set of subsequent image frames based on parameters associated with the selected subsequent image and a second reference frame may be obtained by performing OCR on the selected subsequent image frame to recognize a second text block. A geometric relationship between the first and second text blocks is determined based on a position of the first text block in the second reference frame and a pose associated with the second reference frame.

No. of Pages : 50 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015

(21) Application No.1387/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FERTILITY GENE AND USES THEREOF

(51) International classification :C12N15/29,C12N15/63,C12N15/82
(31) Priority Document No :201210445558.1
(32) Priority Date :09/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086657
Filing Date :07/11/2013
(87) International Publication No :WO 2014/071849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HUNAN WANGHUA AGRICULTURAL BIOTECHNOLOGY CO. LTD
3)SHENZHEN XINGWANG BIOSEED CO. LTD.
4)XINGWANG INVESTMENT CO. LTD
(72)**Name of Inventor :**
1)TANG Xiaoyan
2)CHEN Zhufeng
3)XIE Gang
4)WANG Na
5)LU Jiawei
6)LI Zaoxia

(57) Abstract :
Provided are a fertility gene FL2 and the mutants thereof. Also provided are the uses of FL2 and its mutants for cross breeding comprising reproduction of sterile lines and preparation of hybrid seeds.

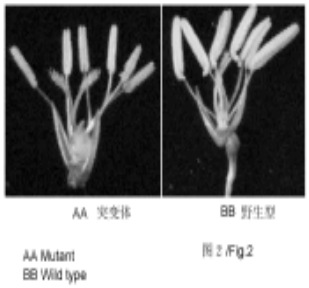


图 2 /Fig.2

No. of Pages : 41 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2015

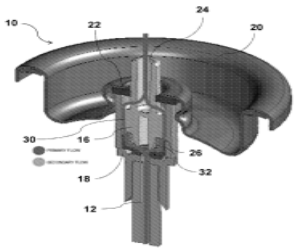
(21) Application No.1389/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FREE FLOW AEROSOL VALVE

(51) International classification	:B65D83/14,B65D83/16,B65D83/28
(31) Priority Document No	:61/721262
(32) Priority Date	:01/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/068045 :01/11/2013
(87) International Publication No	:WO 2014/071180
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PRECISION VALVE CORPORATION
Address of Applicant :800 Westchester Avenue Ste. N343 Rye Brook NY 10573 U.S.A.
(72)**Name of Inventor :**
1)BRACE Geoffrey
2)DOWNEY Michael Paul
3)FORE John B.

(57) Abstract :
An aerosol valve having a valve stem and compression spring geometry that create shorter flow paths have fewer changes in flow direction and passageways with large cross sections to reduce resistance and back pressure is disclosed. The aerosol valve minimizes agglomeration of solids in the flow paths and reduces product failures. A method of using the aerosol valve is also provided.



Prior Art
Fig. 1

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.1475/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THREE DIMENSIONAL WOVEN CORNER FITTING WITH LAP JOINT PREFORMS

(51) International classification :D03D25/00
(31) Priority Document No :13/727161
(32) Priority Date :26/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073107
Filing Date :04/12/2013
(87) International Publication No :WO 2014/105374
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :112 Airport Drive Rochester NH 03867 U.S.A.
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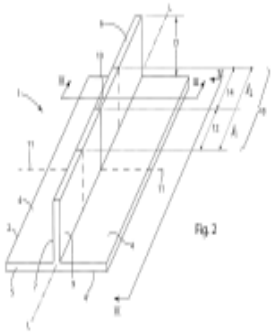
2)GOERING Jonathan

(57) Abstract :
A three dimensional corner lap joint preform and a method of forming a three dimensional corner lap joint preform including a woven flange with one or more legs that extend from the flange. The legs may include one or more independently woven portions which allow formation of a corner without darting the leg or adding additional reinforcement. The independently woven portions may include warp fibers which are not woven into the preform. The unwoven area al lows removal of a portion of the leg prior to formation of the corner allowing the portions of the leg to overlap and form a lap joint.



No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015
(21) Application No.1476/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THROTTLE VALVE DEVICE

(51) International classification :F02D9/00
(31) Priority Document No :2012281670
(32) Priority Date :25/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/083056
Filing Date :10/12/2013
(87) International Publication No :WO 2014/103698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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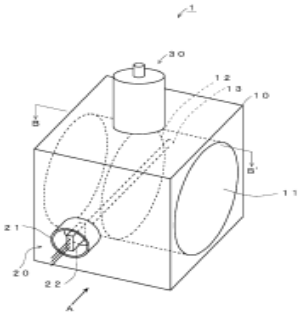
(72)**Name of Inventor :**
1)SEKIGUCHI Shinichi

(57) Abstract :
A throttle valve device is provided. A throttle valve device (1) is configured so that the amount of air taken into an engine is adjusted by causing a valve body (12) disposed in a flow passage (11) to pivot. The throttle valve device (1) is provided with a bypass flow passage which bypasses the flow passage in which the valve body is disposed. The throttle valve device (1) has a function which adjusts the idle speed of the engine by controlling by means of an actuator (30) the flow rate of air which flows through the bypass flow passage. The throttle valve device (1) is also provided with a pivot angle detection device (20) which detects the pivot angle of the valve body. The pivot angle detection device has: a magnet (21) which pivots in response to the pivoting of the valve body; and a magnetic sensor (22) which detects the pivot angle of the valve body by detecting a change in the magnetic flux density of a magnetic field generated by the magnet. The magnetic sensor is disposed in such a manner that the direction of the sensing surface which senses the magnetic flux density is not in parallel to the direction of a magnetic field generated by the actuator.



No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.1477/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HARDENERS FOR LOW EMISSION EPOXY RESIN PRODUCTS

(51) International classification :C08G59/18,C08G59/56,C08L63/00
(31) Priority Document No :13150545.5
(32) Priority Date :08/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077703
Filing Date :20/12/2013
(87) International Publication No :WO 2014/108305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KASEMI Edis
2)KRAMER Andreas
3)STADELMANN Ursula
4)BURCKHARDT Urs

(57) Abstract :
The invention relates to hardeners for epoxy resins containing at least one adduct consisting of a primary diamine and an aromatic monoepoxide at least one primary diamine and at least one secondary diamine which is free of primary amino groups and free form hydroxyl groups. Said hardener has a low viscosity and hardens quickly together with the epoxy resins even in moist cold conditions and without blushing to form films with high hardness and low brittleness. It is particularly suitable for low emission room temperature hardening coatings.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

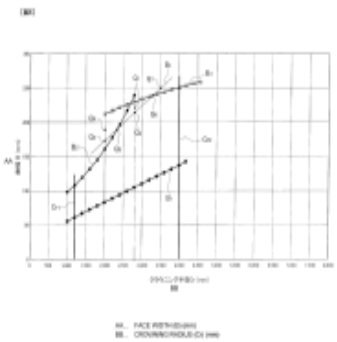
(21) Application No.1400/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GEAR SPINDLE AND ROLLING MILL PROVIDED WITH SAME

(51) International classification :B21B35/14,B21B35/12,F16D3/18
(31) Priority Document No :2012266901
(32) Priority Date :06/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080749
Filing Date :14/11/2013
(87) International Publication No :WO 2014/087821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HITACHI METALS MACHINERY INC.
Address of Applicant :34 6 Shiba 5 chome Minato ku Tokyo 1080014 Japan
(72)**Name of Inventor :**
1)YAMAMOTO Kenji

(57) Abstract :
0.274A gear spindle (3) obtained by inclining the axis of a spindle inner tube (10) provided at one end with an external cog inner tube gear section (40) at 0.6 degrees to 1.6 degrees with respect to the axis of a spindle outer tube (20) provided with an internal cog outer tube gear section (50) that meshes the inner tube gear section (40). On the teeth of the inner tube gear section (40) having a face width (B) a crowning of radius (Cr) is provided so that the center in the face width direction is expanded and both tooth ends are thin. The face width (B) and the crowning radius (Cr) are set within an area that is enclosed by graphs of (Cr) = 1200 [mm] (Cr) = 4000 [mm] (B) = 0.0272 x (Cr) + 28 [mm] (B) = 59.04 x exp(0.0005 x (Cr)) [mm] and (B) = 32 x (Cr) [mm].



No. of Pages : 61 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

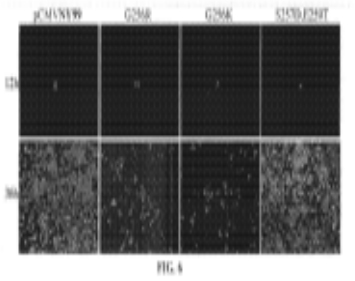
(21) Application No.1401/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLAVIVIRUS ENVELOPE PROTEIN MUTATIONS AFFECTING VIRION DISASSEMBLY

(51) International classification :A61K39/12,A61P31/14,C12N7/01
(31) Priority Document No :13/671111
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068616
Filing Date :06/11/2013
(87) International Publication No :WO 2014/074535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOUTHERN RESEARCH INSTITUTE
Address of Applicant :2000 Ninth Avenue South Birmingham AL 35205 U.S.A.
(72)**Name of Inventor :**
1)YAMSHCHIKOV Vladimir

(57) Abstract :
Mutations in the central monomer contact interface of the flavivirus envelope protein which modulate the infectivity of the flavivirus are made. The mutations decrease the ability of the envelope dimer protein to dissociate.



No. of Pages : 39 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1402/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PILOT SEQUENCE DESIGN IN A COMMUNICATIONS SYSTEM

(51) International classification :H04W72/04
(31) Priority Document No :61/731284
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/088120
Filing Date :29/11/2013
(87) International Publication No :WO 2014/082593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)TAROKH Vahid
2)ZHU Peiying
3)SENARATH Nimal Gamini

(57) Abstract :
A method for pilot sequence design in a communications system includes selecting an initial cell in the communications system and grouping other cells in the communications system relative to the initial cell into one of a neighbor group and a non neighbor group in accordance with a neighborness measure of each of the other cells to the initial cell. The method also includes designing pilot sequences that are substantially orthogonal to one another for the initial cell and the other cells in the neighbor group and providing information about the pilot sequences to the initial cell and the other cells in the communications system.

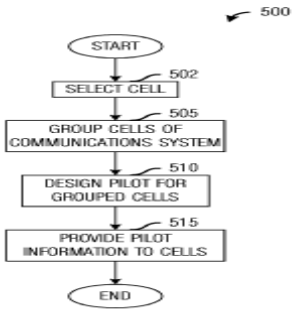


Fig. 5

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1403/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPUTING DEVICE

(51) International classification :G06F1/00,G06F1/16,H01M8/04
(31) Priority Document No :1221815.2
(32) Priority Date :04/12/2012
(33) Name of priority country :U.K.
(86) International Application No:PCT/GB2013/053186
Filing Date :02/12/2013
(87) International Publication No :WO 2014/087144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTELLIGENT ENERGY LIMITED
Address of Applicant :Charnwood Building Holywell Park Ashby Road Loughborough U.K. Leicestershire LE11 3GB U.K.
(72)**Name of Inventor :**
1)WINAND Henri

(57) Abstract :
The invention relates to a computing device comprising: an outer covering having at least a first portion which is an oxygen permeable microstructure wherein the first portion is integrally formed with the outer covering; an electronic component within the outer covering; and a fuel cell with an oxidant inlet that is in fluid communication with the first portion of the outer covering.

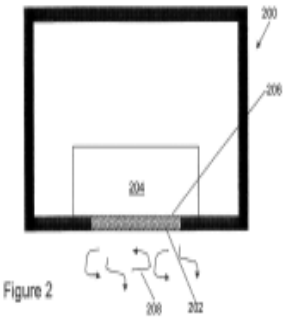


Figure 2

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1490/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION FOR GYPSUM BOARDS AND OBTAINED PRODUCTS

(51) International classification :C04B28/14
(31) Priority Document No :1262531
(32) Priority Date :21/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053157
Filing Date :18/12/2013
(87) International Publication No :WO 2014/096698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAINT GOBAIN PLACO
Address of Applicant :34 Avenue Franklin Roosevelt F 92150 Suresnes France
(72)**Name of Inventor :**
1)BOUTEILLER Bernard
2)PETIGNY Sylvain
3)BOUSSANT ROUX Yves

(57) Abstract :
The invention relates to a gypsum based composition comprising nanometric boehmite and/or nanometric aluminum trihydroxide this composition making it possible to obtain products with better dimensional stability at high and in particular very high temperatures. The invention also relates to the method for obtaining products and the products produced.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1399/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIQUID APPLIED WATERPROOFING MEMBRANE FOR ROOFS COMPRISING A TRIALDIMINE

(51) International classification	:C08G18/75,C08G18/79,C08G18/12
(31) Priority Document No	:13152264.1
(32) Priority Date	:22/01/2013
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2014/051137 :21/01/2014
(87) International Publication No	:WO 2014/114641
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SIKA TECHNOLOGY AG
Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland
(72)**Name of Inventor :**
1)BYRNE Michael
2)GATRELL Mark
3)COWARD Alexander
4)BURCKHARDT Urs

(57) Abstract :
The present invention describes a one part moisture curing liquid applied waterproofing membrane comprising a polyurethane polymer and both a trialdimine and a dialdimine as blocked amine hardeners in a specific ratio range. The membrane has a low odour a long shelf life stability a low viscosity at low solvent content a sufficiently long open time to allow hand application and cures fast to a solid elastic material. The liquid applied waterproofing membrane is particularly suitable for roofing applications possessing high strength high elongation and good durability under outdoor wheathering conditions in a broad temperature range.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1486/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR MAKING A CROSS LINKED POLYETHYLENE ARTICLE

(51) International classification :C08F8/42,H01B3/44
(31) Priority Document No :12008541.0
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/003817
Filing Date :17/12/2013
(87) International Publication No :WO 2014/095044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOREALIS AG
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(72)**Name of Inventor :**
1)TOULLEC Thierry
2)LAURENSON Paul
3)VERHEULE Bart
4)FAGRELL Ola
5)KARLSSON Linus

(57) Abstract :
The present invention relates to a process for making a cross linked polyethylene article and to the use of such a process in the production of pipes or cables. The process comprises: (A) feeding a blend comprising a cross linkable silane group containing polyethilene copolymer and at least one additive to an extruder (B) feeding a liquid comprising a silanol condensation catalyst to said extruder to form a mixture with said blend (C) extruding said mixture to form an article and (D) cross linking said article.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015
(21) Application No.1487/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBODY COMPOSITIONS AND IMMUNOASSAY METHODS TO DETECT ISOFORMS OF ANTI MULLERIAN HORMONE

(51) International classification :C07K16/00,G01N33/00,A61K39/395
(31) Priority Document No :61/724485
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069172
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ANSH LABS LLC
Address of Applicant :445 Medical Center Boulevard Webster TX 77598 U.S.A.
(72)**Name of Inventor :**
1)GOPAL V. Savjani
2)AJAY Kumar

(57) Abstract :
Disclosed are compositions and methods for detecting and quantifying human anti Mtillerian hormone (AMH) in biological samples. In particular the invention provides novel methods of measuring different forms of AMH in a biological sample such as human plasma The anti AMH antibody compositions disclosed herein enable reproducible measurement and quantitation of AMH including dimeric forms of the AMH protein and fragments thereof. The antibody compositions disclosed herein find particular utility as diagnostic tools for single epitope sandwich based AMH assays which can be used to diagnose a variety of medical conditions.

FIG. 10

No. of Pages : 159 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1488/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL QUINOLONE DERIVATIVES

(51) International classification	:C07D215/58,A61K31/4365,A61K31/437
(31) Priority Document No	:3600/MUM/2012
(32) Priority Date	:24/12/2012
(33) Name of priority country	:India
(86) International Application No Filing Date	:PCT/IN2013/000796 :23/12/2013
(87) International Publication No	:WO 2014/102818
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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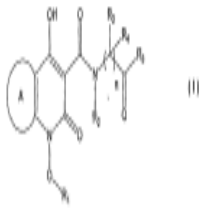
(72)**Name of Inventor :**
1)DESAI Ranjit C.
2)PANDYA Vrajesh
3)PATEL Pankaj R.

(57) Abstract :
The present invention relates to novel compounds of the general formula (I) their tautomeric forms their stereoisomers their pharmaceutically acceptable salts pharmaceutical compositions containing them methods for their preparation use of these compounds in medicine and the intermediates involved in their preparation. [Formula should be inserted here].



No. of Pages : 88 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1489/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROVIDING ALERTS VOUCHERS OR COUPONS ONCE A PLURALITY OF GEO FENCES HAVE BEEN BREACHED A NUMBER OF TIMES

(51) International classification :G06Q30/00, G08B13/00
(31) Priority Document No :13/715346
(32) Priority Date :14/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074967
Filing Date :13/12/2013
(87) International Publication No :WO 2014/093796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)FINLOW BATES Keir

(57) Abstract :
The disclosure is directed to providing a notification based on breaching a plurality of geo fence perimeters. An embodiment detects a breach related to the plurality of geo fence perimeters the breach corresponding to a breach of one of the plurality of geo fence perimeters records the breach as one of a plurality of breaches determines whether the plurality of breaches meet one or more conditions and if the plurality of breaches meet the condition issues a notification.

FIG. 11

No. of Pages : 43 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2015

(21) Application No.1327/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENB PDCCH IMPLEMENTATION TO AVOID AMBIGUOUS DCI INFORMATION

(51) International classification :H04L5/00
(31) Priority Document No :61/748731
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010229
Filing Date :03/01/2014
(87) International Publication No :WO 2014/107609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAAL Peter
2)MOTAMED Mariam
3)CHEN Wanshi
4)GOROKHOv Alexei Y.
5)BRESSANELLI Dominque F.
6)AYDIN Levent

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus determines a first decoding candidate in a first search space and a second decoding candidate in a second search space where the first decoding candidate and the second decoding candidate have a same size but different definitions of information fields identifies a difference in the information fields and determines one of the first decoding candidate and the second decoding candidate as a valid candidate based on the identified difference. The apparatus further generates first control information for transmitting in a first search space codes the first control information wherein the code applied to the first control information is specific to the first search space and different from code applied to second control information in a second search space and transmits the coded first control information in the first search space.

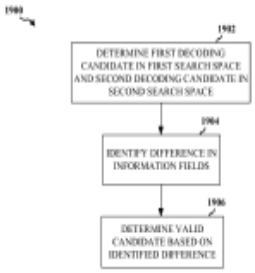

FIG. 19

No. of Pages : 74 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1410/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEAT EXCHANGE SYSTEM FOR CASINGS OF ROTARY ELECTRIC MACHINES

(51) International classification :H02K5/18,F28F3/02,F28F3/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/BR2012/000541
Filing Date :21/12/2012
(87) International Publication No :WO 2014/094082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Avenida Prefeito Waldemar Grubba n° 3000 Jaragu¡ do Sul SC CEP: 89256 900 Brazil
(72)**Name of Inventor :**
1)CEZ□RIO Cassiano Antunes

(57) Abstract :
The present invention claims a heat exchange system for use with the casing of rotary electric machines provided with a finned casing comprising a plurality of fins (2) with a modified profile intercalated with complementary fins (3) the two complementary profiles being distributed on the outer surface of the casing (1). Said fins (2 3) which have a mainly continuous profile are supported in parallel along the length of the casing (1) and have respective projections (5a 5b) from the reference line (4) the structures (5a 5b) having a trapezoidal or rectangular cross section being intercalated in the front region of the machine (1).

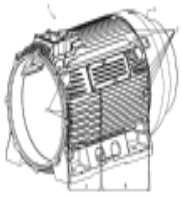


FIG. 2

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1492/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HARDENERS FOR LOW EMISSION EPOXY RESIN PRODUCTS

(51) International classification :C08G59/18,C08L63/00,C08G59/50
(31) Priority Document No :13150534.9
(32) Priority Date :08/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077701
Filing Date :20/12/2013
(87) International Publication No :WO 2014/108304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIKA TECHNOLOGY AG
Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland
(72)**Name of Inventor :**
1)KASEMI Edis
2)KRAMER Andreas
3)STADELMANN Ursula
4)BURCKHARDT Urs

(57) Abstract :
The invention relates to hardeners for epoxy resins containing at least one adduct consisting of trimethylhexamethylendiamine and cresyl glycidyl ether. Said hardener has a low viscosity and hardens quickly together epoxy resins even in moist cold conditions and without blushing to form films with a high hardness and surface quality which turns a little yellow under the influence of light. It is particularly suitable for low emission room temperature hardening coatings.

No. of Pages : 36 No. of Claims : 15

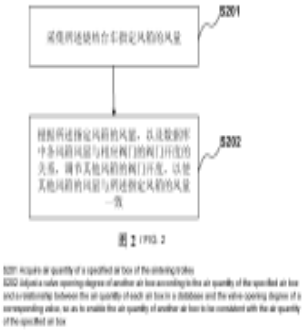
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015
(21) Application No.1493/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING AIR QUANTITY OF AIR BOX OF SINTERING TROLLEY

(51) International classification :F27B21/00,F27B21/14
(31) Priority Document No :201210579047.9
(32) Priority Date :27/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090513
Filing Date :26/12/2013
(87) International Publication No :WO 2014/101785
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZHONGYE CHANGTIAN INTERNATIONAL ENGINEERING CO. LTD.
Address of Applicant :No.1 Laodong Mid Road Changsha Hunan 410007 China
(72)**Name of Inventor :**
1)YUAN Lixin
2)SUN Chao
3)LU Yangquan
4)SHEN Weijie
5)GAO Pengshuang

(57) Abstract :
A method and a system for controlling air quantity of an air box of a sintering trolley. A valve is disposed on each air box of the sintering trolley. The method comprises: acquiring air quantity data of a specified air box of the sintering trolley; adjusting a valve opening degree of another air box according to the air quantity data of the specified air box and a relationship between the air quantity of each air box in a database and the valve opening degree of a corresponding valve so as to enable the air quantity of another air box to be consistent with the air quantity of the first specified air box. Because the actual air quantity in the air box is consistent with required air quantity as far as possible and therefore the situation is avoided that the proportion of the effective air in the air box is gradually decreased thereby greatly decreasing air waste and more effectively saving energy sources. By means of the method it can be ensured that the vertical sintering speed is not excessively high and the invalid air quantity is decreased when the sintering ore quality is ensured.



No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1317/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTINUOUS PROCESS FOR CONVERSION OF LIGNIN TO USEFUL COMPOUNDS

(51) International classification :C10G3/00,C07C37/54,C08H7/00
(31) Priority Document No :61/719486
(32) Priority Date :28/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/067734
Filing Date :27/08/2013
(87) International Publication No :WO 2014/063852
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIOCHEMTEX S.P.A.
Address of Applicant :Strada Ribrocca 11 I 15057 TORTONA (Alessandria) Italy
(72)**Name of Inventor :**
1)SHARMA Krishna
2)MURRAY Aaron
3)RYBA Steven

(57) Abstract :
A process to convert a converted lignin feedstream to a converted lignin product comprised of aromatic compounds the process comprising the step of exposing the converted lignin feedstream to at least one catalyst in the presence of a plurality of hydrogen donor molecules at a reaction temperature in the range of 190°C to 350° C for a reaction time of at least 30 minutes wherein the converted lignin feedstream comprises phenol oil and at least some of the plurality of hydrogen donor molecules are donated during the exposure of the converted lignin feedstream and the plurality of hydrogen donor molecules to the at least one catalyst at the reaction temperature during the reaction time.

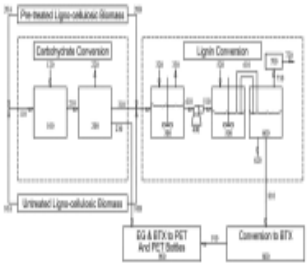


FIG. 1

No. of Pages : 120 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1404/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WAREHOUSE RELATED METHOD AND FACILITY

(51) International classification :B65G1/20,B65G1/16
(31) Priority Document No :61/721865
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000935
Filing Date :01/11/2013
(87) International Publication No :WO 2014/066989
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CAREGO INNOVATIVE SOLUTIONS INC.
Address of Applicant :3600 Dundas Street Suite 201 Burlington Ontario L7M 4B8 Canada
(72)**Name of Inventor :**
1)BONI Martin
2)EDWARDS Robert A.
3)TSAFARIDIS Demetrius

(57) Abstract :
An arrangement of coils of varying widths and diameters in a warehouse having an automated crane wherein: the coil axes are parallel; the coils are arranged in lines the coil widths in each line falling within a first predetermined range associated with the line the coil diameters in each line falling within a second predetermined range associated with the line and the coil axes in each line being orientated perpendicularly to said each line; the lines define (i) rows of coils; (ii) a bottom layer of coils; and (iii) one or more upper layers of coils; each upper layer coil is supported by a pair of lower layer coils in a line; the first and second predetermined ranges associated with the line in which said each coil is arranged are the same as those associated with the line in which the supporting coils are arranged.

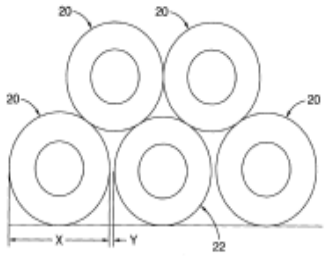


FIG.1

No. of Pages : 51 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1406/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR ADAPTATION AND RECONFIGURATION IN A WIRELESS NETWORK

(51) International classification :H04W28/00
(31) Priority Document No :61/726426
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070126
Filing Date :14/11/2013
(87) International Publication No :WO 2014/078552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LIU Jialing
2)XIAO Weimin

(57) Abstract :
An embodiment method for adaptation and reconfiguration in a wireless network includes base stations coordinating and setting aside a set of time frequency resources for probing purposes the base stations coordinating a set of probing transmissions and timings to be used to synchronize base stations/UEs actions the base stations signaling the resources and timings to UEs the base stations performing coordinated operations on the resources according to the timings the base stations receiving feedback reports from UEs based on UE measurements on the signaled resources according to the signaled timings and the base stations further coordinating the operations for further probing or to apply probing transmissions on broader time frequency resources.

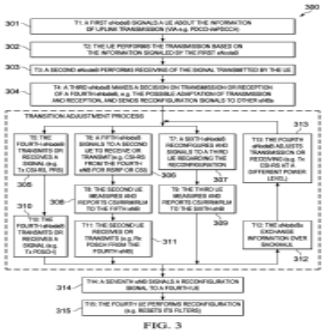
FIG. 3

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015
(21) Application No.1497/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IRON BASED POWDER FOR POWDER METALLURGY

(51) International classification :B22F1/00,B22F1/02
(31) Priority Document No :2012288682
(32) Priority Date :28/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/007553
Filing Date :24/12/2013
(87) International Publication No :WO 2014/103287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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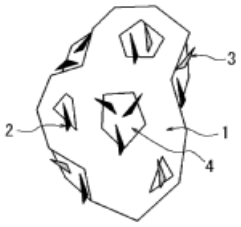
2)OZAKI Yukiko
3)KAWANO Takashi

(57) Abstract :
An iron based powder for powder metallurgy wherein: an alloying component and/or a machinability improver are adhered to the surface of an iron powder with a binder having a melting point of 150ºC or lower; carbon black is adhered to the surface of the binder; and the amount of a free binder is adjusted to 0.02 mass% or less. In this iron based powder the aggregation of a lubricant is inhibited. Therefore the iron based powder exhibits excellent fluidity can be uniformly filled into a thin cavity for forming a thin wall product permits a reduction in the withdrawal force necessitated after molding and does not cause the strength degradation of a sintered body.

FIG. 1



No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015
(21) Application No.1412/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR PERFORMING MARKING AND REMINDING ON CONTENTS IN WEB PAGE

(51) International classification :G06F17/30
(31) Priority Document No :201210459049.4
(32) Priority Date :14/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081998
Filing Date :21/08/2013
(87) International Publication No :WO 2014/075479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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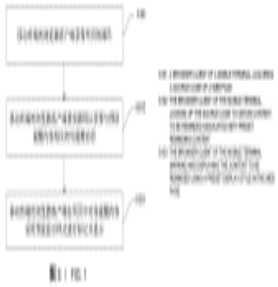
(72)**Name of Inventor :**
1)LIANG Jie
2)YU Yongfu
3)HE Xiaopeng
4)ZHU Shunyan
5)CHEN Chunlin

(57) Abstract :
Disclosed is a method for performing marking and reminding on contents in a web page. A browser client of a mobile terminal presets reminder content and a display style and stores same in the mobile terminal. The method comprises: a browser client of a mobile terminal acquiring a source code of a web page; the browser client of the mobile terminal looking up the source code to obtain content to be reminded semantically associated with preset reminder content; and the browser client of the mobile terminal marking and displaying the content to be reminded using a preset display style in the web page. The present invention marks content which concerns a user before a web page is displayed to the user after loading has finished and marks and displays new content in a designated format using a special preset style so that the new content is more conspicuous in a page and a user can conveniently and rapidly identify the new content when browsing a web page thereby enhancing the user experience and saving time. Also disclosed are a system for performing marking and reminding on contents in a web page a browser client of a mobile terminal and a server.



No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1413/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AQUEOUS SUSPENSION OF CALCIUM HYDROXIDE METHOD FOR THE PRODUCTION THEREOF AND USES OF SAME

(51) International classification :C04B2/04,C01F11/02,B01F17/00
(31) Priority Document No :1260968
(32) Priority Date :19/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052765
Filing Date :18/11/2013
(87) International Publication No :WO 2014/076436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BELLI Fabrizio
2)MONGOIN Jacques
3)BERLENDIS Angelo

(57) Abstract :
The invention relates to a calcium hydroxide based suspension comprising an additive and to a method for producing such a suspension. Such suspensions are especially used as chemical neutralisation agents in industrial or household methods.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1414/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BRAKE PAD AND CALIPER DEVICE

(51) International classification :F16D65/092,C09K3/14,F16D69/04
(31) Priority Document No :2012249615
(32) Priority Date :13/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080002
Filing Date :06/11/2013
(87) International Publication No :WO 2014/077160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)INOKUCHI Hideaki
2)YAZAWA Hidemi

(57) Abstract :
A brake pad (10) is provided with a friction material (12) which is capable of braking a rotating disc (200) and which is provided on the disc (200) side and a back plate (11) joined to the other side of the friction material (12) relative to the disc (200). The brake pad (10) is characterized in that the back plate (11) has on the surface on the friction material (12) side a plurality of non linear ridges (111) and/or a plurality of non linear grooves (112) formed so that the longitudinal direction is oriented along the direction of rotation of the disc (200) and the friction material (12) is joined to the back plate (11) so as to be in intimate contact with the surface defining each of the ridges (111) and/or grooves (121) and with the surface of the back plate (11) on the friction material (12) side. The average height of the ridges (111) or the average depth of the grooves (112) is preferably 2 6 mm. It is thereby possible to provide a highly durable brake pad (10) having high joining strength between the friction material (12) and the back plate (11) and a caliper device provided with the brake pad (10).

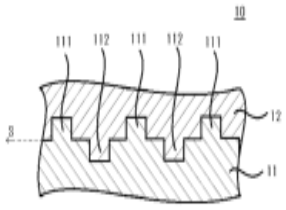

FIG.11

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1501/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CALENDER STACK AND METHOD FOR PRODUCING A FILM FROM THERMOPLASTICS

(51) International classification :B29C43/24,B29C43/58,D21G1/00
(31) Priority Document No :12199014.7
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077626
Filing Date :20/12/2013
(87) International Publication No :WO 2014/096329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Spicher Strae 46 53844 Troisdorf Germany
(72)**Name of Inventor :**
1)MEYER Helmut

(57) Abstract :
The invention relates to a calender stack (1) comprising at least two rolls (2 3 15) between which a roll nip (4 4) can be formed wherein the rolls (2 3 15) are mounted rotatably on the end side in bearings (5 6 7 8 18 19) and one of the rolls (3) is stationary and at least one further roll (2 15) is configured as a feed roll and has a first adjusting system (9) by means of which the bearings (5 6 18 19) of the feed roll can be displaced while changing the roll nip (4 4) wherein the feed roll in each case has a first adjusting system (9) at both bearings (5 6 18 19) and assigned to each first adjusting system (9) a second adjusting system (9a) is provided by means of which axial overlapping of the feed roll with respect to the stationary roll (3) can be set.

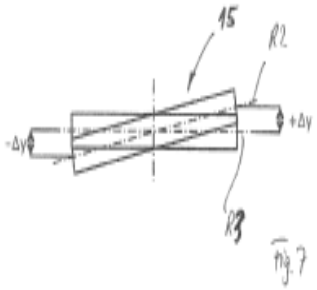

Fig.7

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1418/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPREGNATED ELECTRODE FOR CAPACITIVE DEIONISATION PROCESS FOR PREPARING IT AND APPARATUS EMPLOYING THE ELECTRODES

(51) International classification :C02F1/469,C02F1/461,C02F1/46
(31) Priority Document No :12196471.2
(32) Priority Date :11/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073952
Filing Date :15/11/2013
(87) International Publication No :WO 2014/090508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
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2)GHOSH Somnath
3)RAJANARAYANA Venkataraghavan

(57) Abstract :
57 Disclosed is an electrode an electrode for capacitive deionization comprising (i) an adsorbent having specific surface area of 100 m 2/g to 1300 m 2/g; (ii) conductive carbon black; and (iii) a binder; wherein said adsorbent is impregnated with a substance having conductivity in the range of 10 S/m to 10S/m and standard hydrogen potential in the range of 0.3 V to +1.3 V. The electrode provides enhanced recovery and greater reduction in total solids and is more energy efficient. The process or preparing the electrode and a gravity fed water purification apparatus incorporating said electrode re also disclosed.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1419/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLEANING COMPOSITION

(51) International classification :C11D3/386,C11D3/39
(31) Priority Document No :12196758.2
(32) Priority Date :12/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074757
Filing Date :26/11/2013
(87) International Publication No :WO 2014/090573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DESAI Prachi Makarand
3)DESHPANDE Amit
4)NAIK Shailesh Sadanand

(57) Abstract :
The present invention relates to a cleaning composition for providing effective stain removal. It is thus an object of the present invention to provide a cleaning composition which is effective against fruity stains which are otherwise considered to be difficult to remove. It is another object of the present invention to provide a cleaning composition which can be used at lower wash temperatures. It is yet another object of the present invention to provide a cleaning composition which is effective against sebum stains. It is yet another object of the present invention to provide a cleaning composition which is particularly effective at cleaning fabrics. Surprisingly it has been found that a cleaning composition having a combination of two specific bleach activators and a mixture of specific enzymes removes tough stains which are otherwise considered to be difficult to be removed especially fruity stains.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1505/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADMINISTERING COMPOSITIONS COMPRISING DOCOSAPENTAENOIC ACID

(51) International classification :A61K31/202,A61P3/06,C12P7/64
(31) Priority Document No :61/734331
(32) Priority Date :06/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073714
Filing Date :06/12/2013
(87) International Publication No :WO 2014/089511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FAWZY Abdel Aziz

(57) Abstract :
The present invention relates to methods of reducing lipid parameters such as triglycerides total cholesterol low density lipoprotein (LDL) cholesterol non HDL cholesterol free fatty acids and other lipids comprising administration of omega 3 docosapentaenoic acid.

No. of Pages : 91 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1506/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYESTER SILICATES

(51) International classification :C09D183/10,C08G77/445
(31) Priority Document No :13150276.7
(32) Priority Date :04/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/078098
Filing Date :30/12/2013
(87) International Publication No :WO 2014/106610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Velperweg 76 NL 6824 BM Arnhem Netherlands
(72)**Name of Inventor :**
1)NIXON Steven Alister
2)PRITCHARD Susan
3)DONNELLY Sarah

(57) Abstract :
Provided herein are coating compositions comprising the reaction product of a tetra alkyoxyorthosilicate or a partially condensed oligomer thereof and a polyester resin containing hydroxyl groups. The coating compositions advantageously have a high solid content and/or low volatile organic content (VOC) in combination with a low viscosity. The coating compositions are capable of drying quickly curing in ambient conditions and may be formulated in one pack.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1507/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR ALLOWING RADIO FREQUENCY SELECTIVITY AND METHOD OF USE THEREOF

(51) International classification :H04B1/18,H01P1/213,H03H7/46
(31) Priority Document No :1222019.0
(32) Priority Date :07/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053225
Filing Date :06/12/2013
(87) International Publication No :WO 2014/087171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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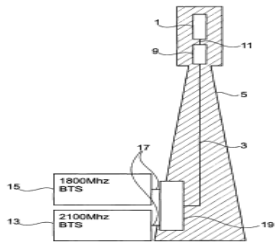
2)SLEIGH Philip
3)HUNTER Ian

(57) Abstract :
Apparatus is provided for allowing radio frequency selectivity for use in a wireless communication system for the passage of one or more receiving and/or transmission frequency signals therethrough. The apparatus includes at least a first set of first and second 90 degree phase shift coupling means and at least one pair of resonating means coupled between the at least first and second 90 degree phase shift coupling means. The apparatus includes at least one further set of first and second 90 degree phase shift coupling means are cascaded either directly or indirectly with said at least first set of first and second 90 degree phase shift coupling means with or without at least one pair of resonating means located between the first and second 90 degree phase shift coupling means of the at least one further set.



PRIOR ART
Fig. 1

No. of Pages : 37 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1420/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETERGENT COMPOSITION

(51) International classification :C11D3/39,C11D3/386
(31) Priority Document No :12196777.2
(32) Priority Date :12/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074717
Filing Date :26/11/2013
(87) International Publication No :WO 2014/090568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)ANAND Jayashree
2)DESAI Prachi Makarand
3)DESHPANDE Amit
4)NAIK Shailesh Sadanand

(57) Abstract :
The present invention relates to a detergent composition for effective stain removal. It is an object of the present invention to provide a detergent composition having a non phosphate precipitating builder which is effective against hydrophobic stains. It is yet another object of the present invention to provide a detergent composition which can be used at lower wash temperatures. It is yet another object of the present invention to provide a detergent composition which is environment friendly. It has been determined by the present inventors that a detergent composition having a combination of specific bleach activator a non phosphate precipitating builder and an enzyme provides for effective removal of stains particularly the tough hydrophobic stains.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1422/MUMNP/2015 A
(43) Publication Date : 27/05/2016

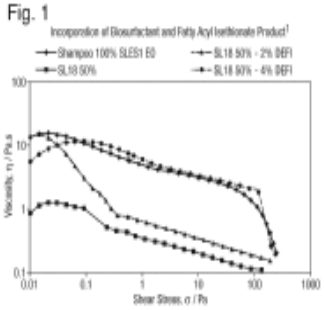
(54) Title of the invention : PERSONAL CARE COMPOSITIONS

(51) International classification :A61K8/46,A61Q5/00,A61K8/60
(31) Priority Document No :12197527.0
(32) Priority Date :17/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075475
Filing Date :04/12/2013
(87) International Publication No:WO 2014/095367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)PARRY Neil James
2)STEVENSON Paul Simon

(57) Abstract :
A personal care composition comprising: a) a surfactant comprising (i) a synthetic anionic surfactant; and (ii) a biosurfactant comprising a glycolipid wherein the biosurfactant is present at a level of at least 50 wt.% of the total surfactantcombination; b)a fatty acyl isethionate productat a level of 4 10wt.% of the total personal care composition.

Fig. 1



No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1508/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HOT ROLLED STEEL PLATE FOR HIGH STRENGTH LINE PIPE AND HAVING TENSILE STRENGTH OF AT LEAST 540 MPA

(51) International classification :C22C38/00,C21D8/02,C22C38/50
(31) Priority Document No :2013010977
(32) Priority Date :24/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000319
Filing Date :23/01/2014
(87) International Publication No :WO 2014/115548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
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(72)**Name of Inventor :**
1)GOTO Sota
2)TOYODA Shunsuke
3)OKABE Takatoshi
4)OKAZAKI Yukihiko

(57) Abstract :
The objective of the present invention is to provide a hot rolled steel plate that is for a high strength line pipe has superior HIC resistance and is favorable as an element of a high strength seam welded line pipe that is API X70 or higher. The hot rolled steel plate for a high strength line pipe has a tensile strength of at least 540 MPa and is characterized by: having an elemental composition by mass% of 0.02 0.06% of C 0.05 0.25% of Si 0.60 1.10% of Mn no greater than 0.008% of P no greater than 0.0010% of S 0.020 0.060% of Nb 0.001 0.020% of Ti 0.01 0.08% of Al and 0.0005 0.0050% of Ca and furthermore at least one element selected from among no greater than 0.50% of Cu no greater than 0.50% of Ni no greater than 0.50% of Cr no greater than 0.50% of Mo and no greater than 0.10% of V the remainder comprising Fe and unavoidable impurities; satisfying 0.60 = CP = 0.90; and furthermore satisfying CM = 3.05.

No. of Pages : 35 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1509/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HOT ROLLED STEEL PLATE FOR HIGH STRENGTH LINE PIPE

(51) International classification :C22C38/00,C21D8/02,C22C38/50
(31) Priority Document No :2013010976
(32) Priority Date :24/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000320
Filing Date :23/01/2014
(87) International Publication No :WO 2014/115549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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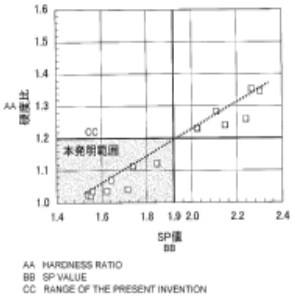
(72)**Name of Inventor :**
1)GOTO Sota
2)TOYODA Shunsuke
3)OKABE Takatoshi
4)OKAZAKI Yukihiko

(57) Abstract :
Provided is a seam welded pipe for a high strength line pipe having superior HIC resistance. A hot rolled steel plate for a high strength line pipe is characterized by: having an elemental composition by mass% of 0.02 0.06% of C 0.05 0.25% of Si 0.60 1.10% of Mn no greater than 0.008% of P no greater than 0.0010% of S 0.010 0.060% of Nb 0.001 0.020% of Ti no greater than 0.05% of Mo 0.05 0.50% of Cr 0.01 0.08% of Al 0.0005 0.0050% of Ca and no greater than 0.005% of O and furthermore at least one selected from among no greater than 0.50% of Cu no greater than 0.50% of Ni and no greater than 0.10% of V the remainder comprising Fe and unavoidable impurities; satisfying formula (1); the metal structure being bainitic ferrite; and the ratio of the hardness of a center segregated section and a non segregated section being less than 1.20. Formula (1): SP = 1.90 where SP is determined from SP = Mn+Mo+11.3—C+0.29—(Cu+Ni)+0.60—Cr+0.88—V the chemical symbols in the formula signifying the mass% of the respective elements.



No. of Pages : 42 No. of Claims : 1

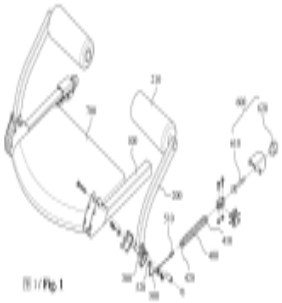
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015
(21) Application No.1427/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BODY BUILDER

(51) International classification :A63B21/055,A63B23/035
(31) Priority Document No :201320328663.7
(32) Priority Date :07/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/070557
Filing Date :14/01/2014
(87) International Publication No :WO 2014/194673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHUANG Jin Chen
Address of Applicant :No. 17 Lane 301 Nanyang Road Fongyuan Dist. Taichung City Taiwan China
2)CHUANG Lung Fei
(72)**Name of Inventor :**
1)CHUANG Jin Chen
2)CHUANG Lung Fei

(57) Abstract :
Disclosed is a body builder comprising a first bracket (100) a second bracket (200) a convex portion (300) a linear elastic element (400) and a cable (500) wherein the second bracket (200) is pivoted to the first bracket (100) the convex portion (300) and the second bracket (200) are coaxially pivoted to the first bracket (100) a first end (410) of the linear elastic element (400) is arranged on the first bracket (100) a connecting end (510) of the cable (500) is connected to a second end (420) of the linear elastic element (400) the cable (500) is abutted against the convex portion (300) and a force application end (520) of the cable (500) is linked to the second bracket (200). When the second bracket (200) pivotally swings relative to the first bracket (100) the second bracket (200) pulls the cable (500) so that the length of the cable (500) abutted against the convex portion (300) is changed and the linear elastic element (400) is expanded or contracted by means of the cable (500).



No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015

(21) Application No.1428/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR MANAGING BATTERY INCLUDING MALFUNCTION PREVENTION ALGORITHM

(51) International classification :H02H7/18,H02J7/00,H01M10/42
(31) Priority Document No :1020130119281
(32) Priority Date :07/10/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/009440
Filing Date :07/10/2014
(87) International Publication No :WO 2015/053536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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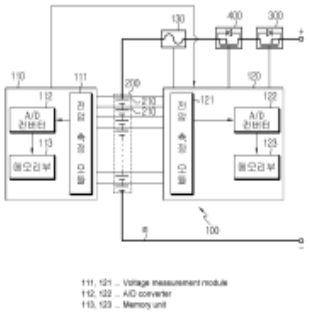
(72)**Name of Inventor :**
1)HAN Hyun
2)KIM Jin Seob
3)KWON Ho Sang

(57) Abstract :
A device and method for managing a battery are disclosed. According to the present invention the possibility of fusion cutting a fuse of a battery pack on the basis of a voltage value of a battery cell of which an error has occurred can be remarkably reduced. Therefore financial and time losses occurring when a battery pack cannot be used due to a wrong fusion cut of a fuse can be minimized.



No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

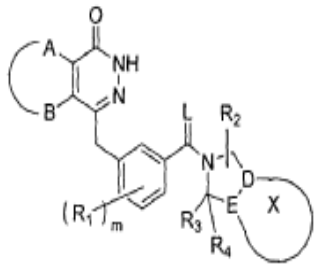
(21) Application No.1512/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED PHTHALAZIN 1 (2H) ONE DERIVATIVES AS SELECTIVE INHIBITORS OF POLY (ADP RIBOSE) POLYMERASE 1

(51) International classification :C07D237/32,C07D487/04,C07D491/048
(31) Priority Document No :3742/MUM/2012
(32) Priority Date :31/12/2012
(33) Name of priority country :India
(86) International Application No :PCT/IN2013/000794
Filing Date :23/12/2013
(87) International Publication No :WO 2014/102817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :Zydus Tower Satellite Cross Roads Ahmedabad 380015 Gujarat Gujarat India
(72)**Name of Inventor :**
1)SRIVASTAVA Brijesh K.
2)DESAI Ranjit C.
3)PATEL Pankaj R

(57) Abstract :
The present invention relates to novel compounds of general formula (I) their stereoisomers regioisomers tautomeric forms and novel intermediates involved in their synthesis their pharmaceutically acceptable salts pharmaceutically acceptable solvates and pharmaceutical compositions containing them. The present invention also relates to a process of preparing novel compounds of general formula (I) their stereoisomers regioisomers their tautomeric forms their pharmaceutically acceptable salts pharmaceutically acceptable solvates pharmaceutical compositions containing them and novel intermediates involved in their synthesis. The compounds of formula (I) are useful as PARP 1 inhibitors for the treatment of e.g. cancer.



(I)

No. of Pages : 64 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015
(21) Application No.1513/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM AND METHOD AND DYNAMIC ASSOCIATION CONTROL APPARATUS AND METHOD

(51) International classification :H04W28/08
(31) Priority Document No :201210528202.4
(32) Priority Date :10/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/088529
Filing Date :04/12/2013
(87) International Publication No :WO 2014/090104
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 100 8280 Japan
(72)**Name of Inventor :**
1)Yang Peng
2)LIU Chunguang
3)Yang Zexi
4)Zhou Sheng
5)Mika Mizutani
6)Niu Zhisheng

(57) Abstract :
The present invention provides a wireless communication system and a dynamic association control apparatus and method so as to perform load transfer by using a relay node implement balanced load and improve quality of service. The dynamic association control apparatus of the present invention comprises: an information acquisition part for acquiring information related to an object relay node and to a candidate base station to be associated; a blocking rate calculation part for calculating according to the acquired information a candidate blocking rate when the object relay node performs association with each candidate base station to be associated; and an association control part for selecting an object blocking rate from the calculated candidate blocking rates and using a base station corresponding to the object blocking rate as an object base station to which the association is transferred so that the object relay node changes to be associated with the object base station to which the association is transferred.

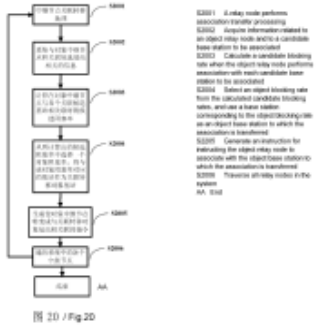

Fig.2D

No. of Pages : 61 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015
(21) Application No.1346/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR POSITIONING BASED ON OBSERVED DIFFERENCE OF TIME OF ARRIVAL

(51) International classification :G01S5/02,H04W64/00
(31) Priority Document No :61/752925
(32) Priority Date :15/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011178
Filing Date :11/01/2014
(87) International Publication No :WO 2014/113296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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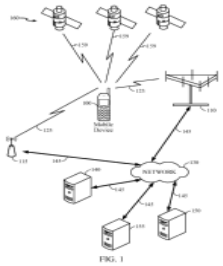
(72)**Name of Inventor :**
1)ALDANA Carlos H.

(57) Abstract :
Disclosed are systems methods and devices for computing an estimated location of a mobile device based at least in part on an observed difference of time of arrival of messages arriving at the mobile device. In particular implementations such observed time arrival may comprise a difference between receipt at the mobile device a first message transmitted from a first transceiver device to a second transceiver device and receipt at the mobile device of a second message transmitted by the second transceiver device in response to the first message.



No. of Pages : 50 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015
(21) Application No.1429/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY LITHIUM SECONDARY BATTERY INCLUDING SAME AND METHOD FOR MANUFACTURING ANODE ACTIVE MATERIAL

(51) International classification :H01M4/587,H01M4/583
(31) Priority Document No :1020130070602
(32) Priority Date :19/06/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/005215
Filing Date :13/06/2014
(87) International Publication No :WO 2014/204141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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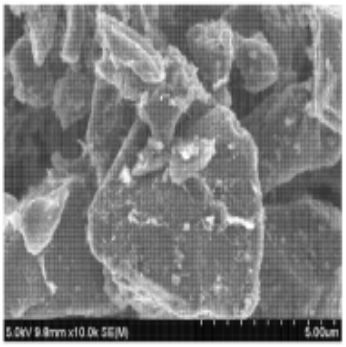
2)OH Byung Hun
3)KIM Je Young
4)LEE Jae Wook
5)PARK Su Jin

(57) Abstract :
xxxxxThe present invention relates to an anode active material for a lithium secondary battery a lithium secondary battery including the same and a method for manufacturing the anode active material. According to one embodiment of the present invention provided is the anode active material for a lithium secondary battery including: a SiO CMC CNT composite in which a carbon nanotube (CNT) is bound through carboxymethyl cellulose (CMC) to SiO (0<x=1); and a carbon based material. Additionally according to another embodiment of the present invention provided is the method for manufacturing the anode active material for the lithium secondary battery comprising the steps of: forming the SiO(0<x=1) CMC CNT composite by pre treating the CNT and the CMC on the surface of SiO(0<x=1); and mixing the formed SiO CMC CNT composite with the carbon based material. According to the present invention provided are the anode active material and the lithium secondary battery having improved battery capacity and more improved life properties than when using an anode active material in which only a CNT is pre treated on the surface of SiO.



No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1516/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HETEROCYCLIC GLUTAMINASE INHIBITORS

(51) International classification :C07D417/06,C07D417/14,A61K31/501
(31) Priority Document No :61/727195
(32) Priority Date :16/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070277
Filing Date :15/11/2013
(87) International Publication No :WO 2014/078645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LI Jim
2)CHEN Lijing
3)GOYAL Bindu
4)LAIDIG Guy
5)STANTON Timothy Friend
6)SJOGREN Eric Brian

(57) Abstract :
Disclosed herein are heterocyclic compounds containing thiadiazole and/or pyridazine rings as well as pharmaceutical preparations thereof. The compounds herein are further made known to be useful as glutaminase inhibitors with potential uses in treating cancer immunological and neurological diseases.

No. of Pages : 134 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1517/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WATER DELIVERY SYSTEM.

(51) International classification :F03G7/05,B66D1/46
(31) Priority Document No :1222141.2
(32) Priority Date :10/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/000530
Filing Date :06/12/2013
(87) International Publication No :WO 2014/091179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EDWARDS Douglas

(57) Abstract :
A system for raising water; a method of delivering the water into a surface container is described as well as a method of installing the system.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1518/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH FORMABILITY AND SUPER STRENGTH HOT GALVANIZING STEEL PLATE AND MANUFACTURING METHOD THEREOF

(51) International classification :C22C38/00,C21D9/46,C22C38/60
(31) Priority Document No :201210461860.6
(32) Priority Date :15/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/071716
Filing Date :21/02/2013
(87) International Publication No :WO 2014/075405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHONG Yong
2)WANG Li
3)FENG Weijun
4)ZHANG Liyang

(57) Abstract :
A high formability and super strength hot galvanizing steel plate. The weight percentage of its chemical components: C: 0.15 0.25wt% Si: 1.00 2.00wt% Mn: 1.50 3.00wt% P=0.015wt% S=0.012wt% Al: 0.03 0.06wt% N=0.008wt% and the rest are Fe and inevitable impurities. The microstructure of the steel plate at room temperature is the ferrite of 10 30% the martensite of 60 80% and the retained austenite of 5 15%; and the yield strength of 600 900 MPa the tensile strength of 980 1200 MPa and the elongation of 15 22%. Through proper involved components a super strength cool rolled hot galvanizing steel plate is produced by continuous annealing without adding any expensive alloying element. By only properly improving the content of Si and Mn and combining proper annealing and furnace atmosphere control processes the strength of the steel plate can improve substantially and the plasticity is also desirable. Meanwhile the galvanizing quality of the steel plate is good and the use requirement of an automotive cool rolled and super strength hot galvanizing steel can be satisfied.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1432/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HISTO EQUIVALENT BIOPLASTIC MATERIAL

(51) International classification :A61K38/00, A61L27/20,A61L27/44
(31) Priority Document No :2013107843
(32) Priority Date :21/02/2013
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2013/000795
Filing Date :12/09/2013
(87) International Publication No :WO 2014/129929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BURTSEVA Tatyana Ivanovna
4)ADELSHIN Abay Izhbulatovich

(57) Abstract :
The invention relates to medicine and specifically to combustiology to surgery and to cosmetology and can be used as a bioplastic material for replacing defects in epithelial tissues (protecting against evaporation and infection) and for stimulating regeneration. The technical result is increased efficacy in healing wounds. The goal is achieved in that a histo equivalent bioplastic material is used which includes a substrate in the form of a matrix the material for which is a native form of hyaluronic acid distinguished in that the histo equivalent bioplastic material contains a 1.5% solution of hyaluronic acid and a 5% solution of a peptide complex which are mixed until a viscous elastic gel is formed situated in the foundation and subjected to ultraviolet photopolymerization in a biosafety cabinet over the course of 5 7 hours at the following quantitative ratio in ml: 1.5% solution of hyaluronic acid solution: 80 90%; 5% solution of peptide complex: 10 20%; the finished material has perforations and notches.

No. of Pages : 22 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015
(21) Application No.1519/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH FORMABILITY AND SUPER STRENGTH COLD ROLLED STEEL SHEET AND MANUFACTURING METHOD THEREOF

(51) International classification :C22C38/00,C21D9/46,C22C38/60
(31) Priority Document No :201210461631.4
(32) Priority Date :15/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/071711
Filing Date :21/02/2013
(87) International Publication No :WO 2014/075404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WANG Li
3)FENG Weijun
4)XIONG Wei
5)ZHI Jianjun
6)HU Guangkui

(57) Abstract :
A high formability and super strength cold rolled steel sheet and a manufacturing method thereof. The weight percentage of its components is: C 0.150.25% Si 1.002.00% Mn 1.503.00% P=0.015% S=0.012% Al 0.030.06% N=0.008% and the rest are Fe and inevitable impurities. The manufacturing method comprises the following steps: 1) smelting and casting; 2) heating to 11701230°C and performing thermal insulation; 3) performing hot rolling the finish rolling temperature being 880±30°C and coiling at 550650°C; and 4) performing acid washing cold rolling and annealing the cold rolling reduction being 4060% annealing at 860920°C and performing slow cooling to 690750°C with the cooling rate of 310°C/s; performing rapid cooling at 240320°C with the cooling rate =50°C/s then heating to 360460°C and performing thermal insulation for 100500s to cool to the room temperature at last. Finally a high formability low rebound property and super strength cold rolled steel sheet with the yield strength of 600900MPa the tensile strength of 9801150MPa the elongation of 1725% is obtained.

Nil / Fig 1

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2015
(21) Application No.1520/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERGRATION OF RESIDUE HYDROCRACKING AND SOLVENT DEASPHALTING

(51) International classification :C10G67/04,C10G21/30
(31) Priority Document No :13/758554
(32) Priority Date :04/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014106
Filing Date :31/01/2014
(87) International Publication No :WO 2014/121052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)BALDASSARI Mario C.
2)MUKHERJEE Ujjal K.
3)OLSEN Ann Marie
4)GREENE Marvin I.

(57) Abstract :
A process for upgrading residuum hydrocarbons is disclosed. The process may include: contacting a residuum hydrocarbon fraction and hydrogen with a first hydroconversion catalyst in a first ebullated bed hydroconversion reactor system; recovering a first effluent from the first ebullated bed hydroconversion reactor system; solvent deasphalting a vacuum residuum fraction to produce a deasphalted oil fraction and an asphalt fraction; contacting the deasphalted oil fraction and hydrogen with a second hydroconversion catalyst in a second hydroconversion reactor system; recovering a second effluent from the second hydroconversion reactor system; and fractionating the first effluent from the first ebullated bed hydroconversion reactor system and the second effluent from the second hydroconversion reactor system to recover one or more hydrocarbon fractions and the vacuum residuum fraction in a common fractionation system.

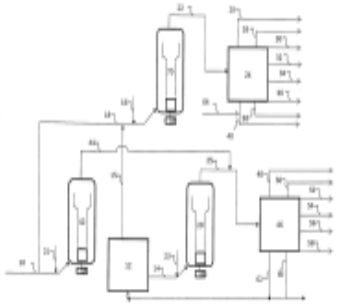

Figure 1

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2015

(21) Application No.1348/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REGISTRATION AREA LOADING AREA AND PACKING AREA OF A CHECKOUT COUNTER A CHECKOUT COUNTER AND A METHOD FOR OPERATION OF A ROUNDTABLE PACKING AREA OF A CHECKOUT COUNTER

(51) International classification :G07G1/00
(31) Priority Document No :20121269
(32) Priority Date :31/10/2012
(33) Name of priority country :Norway
(86) International Application No :PCT/IB2013/059561
Filing Date :23/10/2013
(87) International Publication No :WO 2014/068446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SELJESETH Kay

(57) Abstract :
The present invention discloses a checkout counter which includes loading areas registration area and packing comprising; a loading area a registration area comprising means for parallel checkout and registration of purchased goods where the means at least comprises; a first registration zone a second registration zone and at least one registration means adapted to register goods from the first and the second registration zone and a packing area configured to receive goods from two registration zones in parallel. It is also disclosed a method for operation of a checkout counter according to one embodiment of the invention.

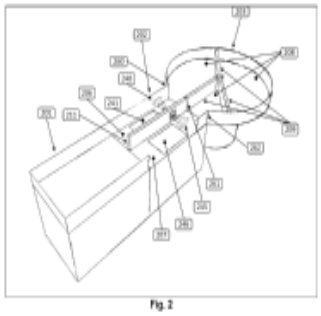

Fig. 2

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1437/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING CENTRAL PROCESSING UNIT POWER WITH GUARANTEED TRANSIENT DEADLINES

(51) International classification :G06F1/32
(31) Priority Document No :13/759709
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061649
Filing Date :25/09/2013
(87) International Publication No :WO 2014/123587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RYCHLIK Bohuslav
3)IRANLI Ali
4)SUR Sumit
5)GARGASH Norman Scott

(57) Abstract :
Methods systems and devices that include a dynamic clock and voltage scaling (DCVS) solution configured to compute and enforce performance guarantees for a group of processors to ensure that the processors do not remain in a busy state (e.g. due to transient workloads) for a combined period that is more than a predetermined amount of time above that which is required for one of the processors to complete its pre computed steady state workload. The DCVS may adjust the frequency and/or voltage of one or more of the processors based on a variable delay to ensure that the multiprocessor system only falls behind its steady state workload by at most a predefined maximum amount of work irrespective of the operating frequency or voltage of the processors.

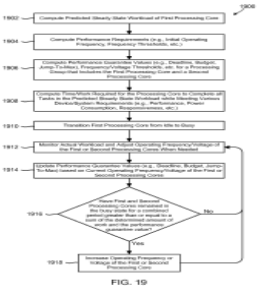

FIG. 19

No. of Pages : 80 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1438/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETERMINING MULTICAST ROOT NODES IN A TELECOMMUNICATIONS NETWORK

(51) International classification :H04L12/715,H04L12/761
(31) Priority Document No :13/691043
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070836
Filing Date :19/11/2013
(87) International Publication No :WO 2014/085146
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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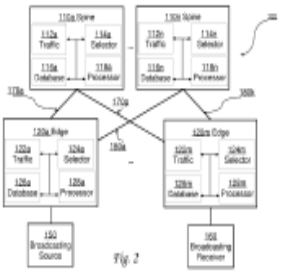
2)RAJAGOPALAN Santosh
3)SANE Sanjay
4)DESAI Ronak
5)SHAH Varun

(57) Abstract :
In an embodiment a method comprises: detecting a change in a multiple switch configuration in a data communications network comprising a plurality of packet data switches configured as roots of multicast trees. In response to detecting that the multiple switch configuration has changed a first value a second value and a third value representing limits on a number of multicast trees supported in the network and prioritization of the switches are retrieved. The method further comprises determining a type of the multiple switch configuration change. In response to determining that the type indicates that a first switch was added to the multiple switch configuration using at least the first second and third values it is determined whether to configure the first switch as a first root in the multiple switch configuration. The method is performed by one or more computing devices.



No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015
(21) Application No.1525/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION FOR PREVENTING HAIR LOSS AND ACCELERATING HAIR GROWTH

(51) International classification :A61K31/575,A61K31/56,A61K31/57
(31) Priority Document No :1020120129243
(32) Priority Date :15/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010405
Filing Date :15/11/2013
(87) International Publication No :WO 2014/077621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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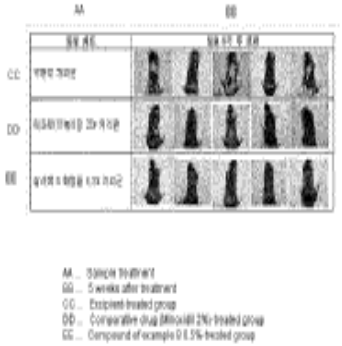
1)KIM Cheong Taek

(57) Abstract :
The present invention relates to a composition for preventing hair loss and accelerating hair growth represented by chemical formula 1 wherein A is derived from a polycyclic compound and R is an alkyl oxy group or an acyloxy group comprising a carbon number of 1 to 20 and a saturated or an unsaturated straight chain or a branched chain.



No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1439/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSES FOR PREPARING OPTICALLY ACTIVE DIAMINE DERIVATIVES

(51) International classification :C07C269/00,C07C271/24,C07C303/28
(31) Priority Document No :2013072895
(32) Priority Date :29/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/059247
Filing Date :28/03/2014
(87) International Publication No :WO 2014/157653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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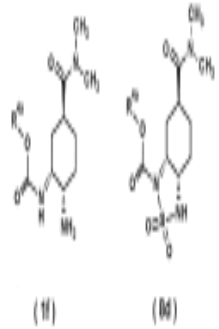
2)MICHIDA Makoto
3)KANEDA Takeshi

(57) Abstract :
4a1 6The present invention addresses the problem of providing an efficient process for preparing important intermediate compounds (1) and (1a) for the production of FXa inhibitors (X) and (X a). The present invention pertains to: a process which is useful for preparing a compound represented by formula (8d) and which includes stereoselective intramolecular cyclization; and a process which is useful for preparing a compound (1f) a salt thereof or a hydrate of either and which is characterized by including the desulfonylation of a compound (8d). In each formula R is C alkyl benzyl or the like.



No. of Pages : 124 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1440/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR PREDICTING BURN THROUGH POINT

(51) International classification :C22B1/20,F27B21/14
(31) Priority Document No :201210578364.9
(32) Priority Date :27/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090510
Filing Date :26/12/2013
(87) International Publication No :WO 2014/101784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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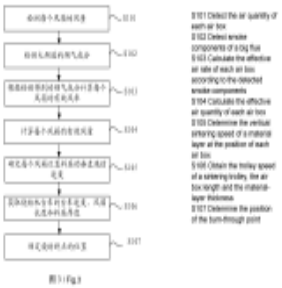
2)SUN Chao
3)LU Yangquan
4)SHEN Weijie
5)GAO Pengshuang

(57) Abstract :
A method and a system for predicting a burn through point. The method comprises: detecting the air quantity of each air box (6) and detecting smoke components of a big flue (7); calculating the effective air rate of each air box (6) according to the detected smoke components; calculating the effective air quantity of each air box (6); determining the vertical sintering speed of a material layer at the position of each air box (6); obtaining the trolley speed of a sintering trolley (5) the air box (6) length and the material layer thickness; and determining the position of the burn through point by using the trolley speed the air box (6) length and the vertical sintering speed. In the method by analyzing the air quantity and the smoke components in a material sintering process it can be accurately predicted that the air box position where the thickness of a sintered ore layer is equal to the material layer thickness is the position of the burn through point.



No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1528/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A TOMATO FIBRE COMPOSITION AND METHOD FOR THE PREPARATION THEREOF

(51) International classification :A23L1/0524,A23L1/0534,A23L1/212
(31) Priority Document No :12198622.8
(32) Priority Date :20/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075359
Filing Date :03/12/2013
(87) International Publication No :WO 2014/095342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SUIJKER Michael Jacobus
3)TAMMES Harmannus

(57) Abstract :
One aspect of the invention relates to tomato fibre composition having a dry matter content of at least 1 wt.% wherein at least 80 wt.% of said dry matter is water insoluble said fibre composition comprising by weight of dry matter:15 50% cellulose; 5 45% pectin; 0 10% of monosaccharides said monosaccharides being selected from fructose glucose and combinations thereof; and 0.003 1% lycopene; wherein the fibre composition contains less than 60% pectin by weight of cellulose. The tomato fibre composition of the present invention has excellent water structuring properties. Another aspect of the invention relates to a method of manufacturing a product selected from a foodstuff a beverage and a nutritional formulation said method comprising incorporating into said product the aforementioned tomato fibre composition. The invention further provides a process of manufacturing a tomato fibre composition.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1529/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EUTECTIC MIXTURES IN PERSONAL CARE COMPOSITIONS

(51) International classification :A61K8/34,A61K8/365,A61K8/37
(31) Priority Document No :PCT/CN2012/087071
(32) Priority Date :20/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/074687
Filing Date :26/11/2013
(87) International Publication No :WO 2014/095255
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KHOSHDEL Ezat
2)SCHUMM Stephan Georg
3)YAO Yin fang
4)ZHANG Qiqing

(57) Abstract :
The invention relates to active eutectic mixtures of L menthol L menthyllactate and 12 hydroxystearic acid personal care products comprising such active eutectic mixtures a method for preparing such personal care composition and a method of applying to human skin such personal care compositions.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.1441/MUM/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REPORTING BUFFER STATUS FOR DEVICE TO DEVICE COMMUNICATION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W76/04
(31) Priority Document No :61/977,823
(32) Priority Date :10/04/2014
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Yu-Hsuan GUO

(57) Abstract :
Methods and apparatuses for improving device to device (D2D) communication are disclosed herein. One method includes a user equipment (UE) triggering a buffer status report (BSR) upon configuration or setup of radio resource allocation mode 1 for D2D communication while the UE has data available for transmission for D2D communication. The method further includes the UE transmitting a Medium Access Control (MAC) Control Element corresponding to the BSR.

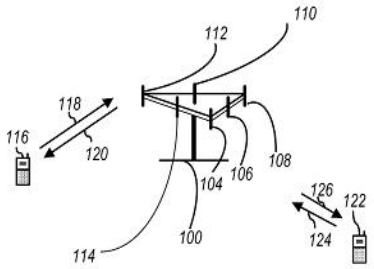

FIG. 1

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1441/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH DOSE LEVODOPA CAPSULES FOR PULMONARY USE

(51) International classification :A61K9/12,A61K31/137,A61P25/16
(31) Priority Document No :61/724781
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069102
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PENACHIO Ernest D.
3)KAMERKAR Abhijit
4)LIPP Michael M.
5)BATYCKY Richard P.

(57) Abstract :
The present invention provides a capsule containing an inhalable powder composition wherein the composition comprises about 75% by weight or more levodopa dipalmitoylphosphatidylcholine (DPPC) and a salt characterized by a working density of less than about 100 g/L. The invention further provides a capsule containing an inhalable powder composition wherein the composition comprises about 75% by weight or more levodopa dipalmitoylphosphatidylcholine (DPPC) and a salt characterized by a working density of less than about 100 g/L wherein the capsule s shell comprises hydroxypropylmethylcellulose (HPMC) and titanium dioxide.

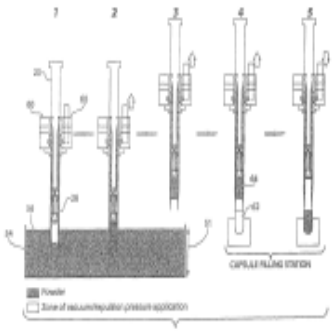

Fig. 5

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1442/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ULTRA LOW DENSITY PULMONARY POWDERS

(51) International classification :A61K9/16,A61K39/00,A61P11/06
(31) Priority Document No :61/724781
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069107
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BATYCKY Richard P.

(57) Abstract :
3The invention provides pharmaceutical compositions for pulmonary delivery comprising particles containing a pharmaceutical agent and having a geometric size of greater than about 5 μm and a tap density of less than about 0.075 g/cm. The invention also provides methods for delivering the pharmaceutical compositions of the invention to the respiratory tract of a patient.

No. of Pages : 20 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1530/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF APPLYING A CONDUCTIVE ADHESIVE

(51) International classification :H05K3/32,C09J9/02,C23C18/44
(31) Priority Document No :1222620.5
(32) Priority Date :14/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/076535
Filing Date :13/12/2013
(87) International Publication No:WO 2014/090989
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REDFORD Keith
3)HELLAND Tore
4)GAKKESTAD Jakob
5)OPLAND Ottar

(57) Abstract :
A method of applying a conductive adhesive comprising: using a conductive adhesive 18 made up of conductive beads 12 in an adhesive matrix 8 the conductive beads comprising a polymer core and a conductive coating and having a maximum dimension of 100 µm or less; and depositing droplets of the adhesive 18 on a substrate via a nozzle 20.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1531/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EUTECTIC MIXTURES IN PERSONAL CARE COMPOSITIONS

(51) International classification :A61K8/35,A61K8/365,A61K8/37
(31) Priority Document No :PCT/CN2012/087070
(32) Priority Date :20/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/074696
Filing Date :26/11/2013
(87) International Publication No :WO 2014/095257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KHOSHDEL Ezat
2)SCHUMM Stephan Georg
3)YAO Yin fang
4)ZHANG Qiqing

(57) Abstract :
The invention relates to active eutectic mixtures of butyl methoxydibenzoylmethane isopropyl myristate and optionally 12 hydroxystearic acid personal care products comprising such active eutectic mixtures a method for preparing such personal care compositions and a method of applying to human skin such personal care compositions.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1532/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION FOR HYDROPHOBIC COATING

(51) International classification :C09D183/00,C09D7/00,C09D1/00
(31) Priority Document No :PCT/CN2012/087100
(32) Priority Date :21/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/075027
Filing Date :29/11/2013
(87) International Publication No :WO 2014/095299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHOU Yi
2)TAO Qingsheng

(57) Abstract :
Disclosed is a composition capable of yielding a hydrophobic coating. The composition comprises: (a) colloidal particle which is both partially hydrophobic and partially hydrophilic; (b) a hydrolyzed quaternary silane having at least two hydroxyl ligands and/or its oligomer; and (c) solvent.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015

(21) Application No.1453/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OVERVOLTAGE PROTECTION DEVICE AND METHOD

(51) International classification :H02H3/20,H02H9/04,H03K17/687
(31) Priority Document No :201210508789.2
(32) Priority Date :03/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087404
Filing Date :19/11/2013
(87) International Publication No :WO 2014/086231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DENG Zhiji

(57) Abstract :
An overvoltage protection device and method. The overvoltage protection device (100) includes: a judgment unit (101) the input end of the judgment unit is connected with the input end (Pin) of the device the output end of the judgment unit is connected with the input end of a soft start unit (102) the judgment unit is used to judge whether the input voltage of the input end of the device exceeds a preset protection voltage and send the judgment result to the soft start unit; the soft start unit the input of the soft start unit is connected with the output end of the judgment unit and the input end of the device respectively the output end of the soft start unit is connected with the output end (Pout) of the device if the judgment unit judges the input voltage does not exceed the preset protection voltage and is stable in a preset delay time the soft start unit outputs the input voltage to the output end of the device otherwise the soft start unit does not output a voltage signal to the output end of the device.

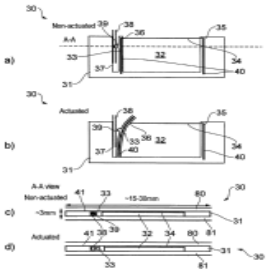

FIG. 2

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015
(21) Application No.1454/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMUNICATION METHOD USER EQUIPMENT AND UNIFIED RADIO CONTROLLER

(51) International classification :H04W24/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/085206
Filing Date :23/11/2012
(87) International Publication No :WO 2014/079051
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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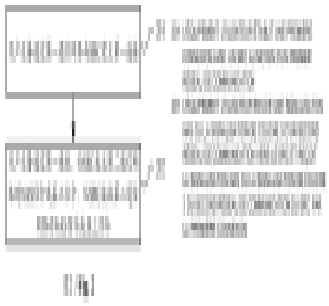
(72)**Name of Inventor :**
1)FANG Ming
2)CHEN Yanyan
3)TAN Bin
4)XING Pingping

(57) Abstract :
Embodiments of the present invention provide a communication method a user equipment and a unified radio controller. The method comprises: the user equipment establishes a first connection with a SRC by a first communication network; the user equipment sends a NAS signaling or layer 3 signaling of a second communication network to the SRC and/or receives the NAS signaling or layer 3 signaling of the second communication network to the SRC by the first connection wherein the first communication network and the second communication network use different RATs SRCs to manage radio resource of the first communication network and the second communication network. Therefore the embodiment of the present invention allows services to be converted flexibility between the different RATs and improves the system efficiency by transmitting the NAS/L3 signaling of the second communication system on the first connection established in the first communication system.



No. of Pages : 57 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015
(21) Application No.1540/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILTER PANEL FOR THE TREATMENT OF LIQUIDS ESPECIALLY FOR DISC WASTEWATER FILTER EQUIPMENT

(51) International classification :B01D33/23
(31) Priority Document No :P1200760
(32) Priority Date :20/12/2012
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2013/000125
Filing Date :17/12/2013
(87) International Publication No :WO 2014/096877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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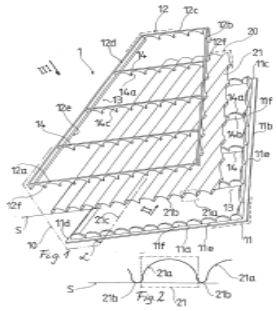
(72)**Name of Inventor :**
1)T–R– Bal¡zs
2)SZMOLKA Vikt³ria

(57) Abstract :
The invention relates to a filter panel for the treatment of liquids especially for disc wastewater filtering equipment which has a supporting frame (10) surrounding the permeable surface (13) as well as at least one filter insert (20) that fills in at least a part of the permeable surface (13) fixed to the supporting frame (10) where at least a part of the filter insert (20) is formed as a spatial shape consisting of shell elements (21) protruding from the plane (S) the supporting frame (10) has at least three sides (1 1a l ib 1 1c 12a 12b 12c) connected to each other and the supporting frame (10) has one or more supporting ribs (14) running through the permeable surface (13) where the supporting ribs (14) have a rest surface (14a) and at least some of the shell elements (21) of the filter insert (20) are in contact with at least a part of the rest surfaces (14a) of the supporting ribs (14). The characteristic feature of the invention is that at least some of the shell elements (21) are formed by a set of curved space element pieces (21a) arranged next to each other and at least some of the neighbouring curved space element pieces (21a) are connected to each other with a curved linking member (21b).



No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.1458/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLOSURE ARRANGEMENTS FOR LIQUID CONTAINERS LIQUID CONTAINER ASSEMBLY AND THE LIKE

(51) International classification :B65D51/28
(31) Priority Document No :1222658.5
(32) Priority Date :14/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053297
Filing Date :13/12/2013
(87) International Publication No :WO 2014/091248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BROOK CHRISPIN Kenneth
2)MASON Jon

(57) Abstract :
The present invention relates to closure arrangements for liquid containers particularly but not exclusively for drinks bottles. A closure arrangement (20) for a liquid container for a base liquid comprises a reservoir (24A 24B) for an additive liquid (28A 28B). The closure arrangement (20) comprises a passage (54) for flow of liquid from the base liquid container (11) to a user the passage including a mixing space (26) for mixing the additive liquid from the reservoir and the base liquid. The present invention further relates to a liquid container assembly including a closure arrangement. The present invention further relates to an additive reservoir for use in a closure arrangement.

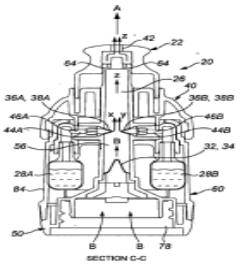
FIG. 4C

No. of Pages : 52 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.1459/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHT MODULE FOR A VEHICLE HEADLAMP

(51) International classification :B60Q1/00,F21S8/10
(31) Priority Document No :A50585/2012
(32) Priority Date :13/12/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050204
Filing Date :22/10/2013
(87) International Publication No :WO 2014/089585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BAUER Friedrich
2)ILLMAYR Peter

(57) Abstract :
The invention relates to a light module (100) for a motor vehicle headlamp wherein the light module (100) is designed for the generation of a dimmed light distribution (LV) which has at least one horizontal light shadow line (HD) and a light shadow line (HD) rising at an oblique angle thereto and wherein the light module (100) comprises at least two reflectors (1 2 3) and wherein at least one LED light source (10 20 30) is assigned to each reflector (1 2 3). At least one of the reflectors (2) is of the light shadow front field reflector type and at least one further reflector (1) is of the asymmetric reflector type. The at least one LED light source (10) associated with the at least one reflector (1) of the asymmetric reflector type and the at least one LED light source (20) associated with the at least one reflector (2) of the light shadow front field reflector type are arranged in a fixed position relative to one another and all the reflectors (1 2) can be arranged in precisely one specified position relative to the LED light sources (10 20) associated with them. Reflectors (1) of the asymmetric reflector type and reflectors (2) of the light shadow front field type are designed in such a manner that when at least one reflector (1) of the asymmetric reflector type is arranged in its defined position and at least one reflector (2) of the light shadow front field reflector type is arranged in its defined position the horizontal light shadow line of the overall light distribution (LV) is formed by the horizontal light shadow line (HD1) of the at least one reflector (1) of the asymmetric reflector type and/or by the horizontal light shadow line (HD2) of the at least one reflector (2) of the light shadow front field reflector type.

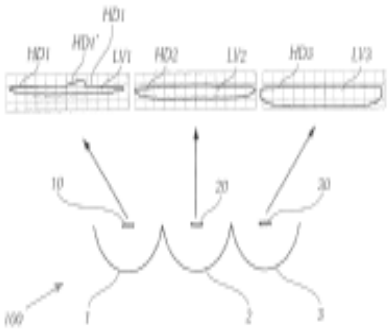

Fig. 2

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2015
(21) Application No.1542/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR SENDING CONTROL CHANNEL INFORMATION BASED ON COMMON CELL NETWORKING

(51) International classification :H04W16/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/074381
Filing Date :18/04/2013
(87) International Publication No :WO 2014/169469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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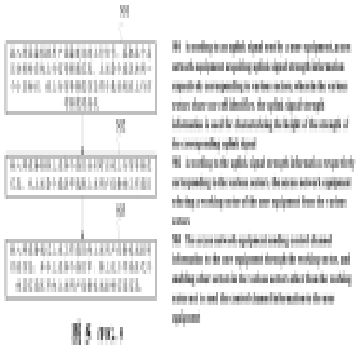
1)HE Longke

(57) Abstract :
Disclosed are a method and device for sending control channel information based on common cell networking. The method comprises: according to an uplink signal sent by a user equipment acquiring uplink signal strength information respectively corresponding to various sectors wherein the various sectors share one cell identifier and the uplink signal strength information is used for characterizing the height of the strength of the corresponding uplink signal; according to the uplink signal strength information respectively corresponding to the various sectors selecting a working sector of the user equipment from the various sectors; and sending control channel information to the user equipment through the working sector and enabling other sectors in the various sectors other than the working sector not to send control channel information to the user equipment so as to avoid the problem that in common cell networking technology when a sector of a certain cell sends a signal a signal interference phenomenon appears in cells which are not adjacent to the sector.



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1377/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FAULT DETECTION IN A COOLING SYSTEM WITH A PLURALITY OF IDENTICAL COOLING CIRCUITS

(51) International classification :H05K7/20,F24F11/00
(31) Priority Document No :61/734414
(32) Priority Date :07/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073009
Filing Date :04/12/2013
(87) International Publication No :WO 2014/089154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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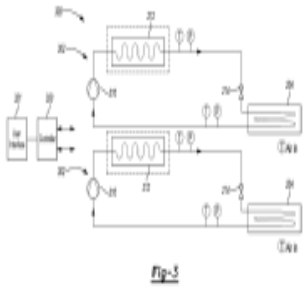
2)HELMINK Gary A.
3)RAVEN Matthew
4)HRNCAR Martin

(57) Abstract :
In a cooling system having a plurality of identical cooling circuits fault detection is determined by a controller if monitored operating parameters of the cooling circuits differ from each other by an appreciable amount. In an aspect the controller uses a comparison of the operating parameters of a cooling circuit to a snapshot of the operating parameters of that cooling circuit taken after the cooling circuit is determined to be operating properly after start up. In an aspect the controller uses known operating parameters of a cooling circuit and a system model of the cooling circuit to calculate remaining operating parameters of the cooling circuit (system model operating parameters) and uses a comparison of the system model operating parameters to the monitored operating parameters.



No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2015
(21) Application No.1378/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING MEROPENEM TRIHYDRATE

(51) International classification :C07D487/04,C07D403/12,A61K31/407
(31) Priority Document No :1020120156100
(32) Priority Date :28/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010594
Filing Date :21/11/2013
(87) International Publication No :WO 2014/104583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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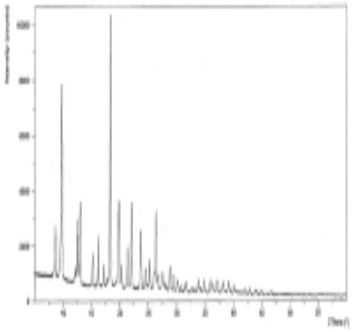
2)LEE Byung Goo
3)YOON Hee Kyoon
4)PARK Sung Woo
5)JUN Sun Ah
6)LEE Kyung Ho
7)LIM Byung Jo

(57) Abstract :
The present invention provides a process for the preparation of meropenem trihydrate in high purity and high yield through using a dry methanol solvate of meropenem. The process of the present invention can remarkably reduce the amount of residual solvents in the resulting product thereby being able to obtain meropenem trihydrate in high purity.



No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015
(21) Application No.1465/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHANNEL QUALITY INDICATION FEEDBACK METHOD DEVICE AND USER EQUIPMENT

(51) International classification :H04W28/18,H04W24/10,H04W24/00
(31) Priority Document No :PCT/CN2012/086690
(32) Priority Date :14/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/074531
Filing Date :22/04/2013
(87) International Publication No :WO 2014/089949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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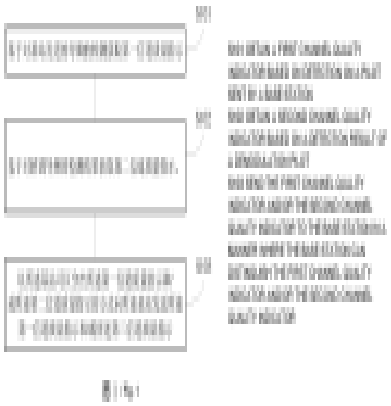
(72)**Name of Inventor :**
1)ZHANG Peng
2)WANG Zongjie
3)MA Xueli

(57) Abstract :
121212Embodiments of the present invention provide a channel quality indication feedback method device and user equipment so as to improve the accuracy reflected by the channel quality. The method comprises: obtaining a first channel quality indicator (CQI) based on detection on a pilot sent by a base station; obtaining a second channel quality indicator (CQI) based on a detection result of a demodulation pilot; and sending the CQI and/or the CQI to the base station in a manner where the base station can distinguish the CQI and/or the CQI. The method provided by the embodiments of the present invention objectively reflects the current channel quality condition and can enable the base station to obtain accurate channel quality information so as to objectively schedule data based on the channel quality information and improve the data sending efficiency of the channel.



No. of Pages : 139 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1549/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR TRANSMITTING BROADCAST SIGNALS APPARATUS FOR RECEIVING BROADCAST SIGNALS METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS

(51) International classification :H04N21/236,H04N21/434
(31) Priority Document No :61/753871
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000477
Filing Date :16/01/2014
(87) International Publication No :WO 2014/112806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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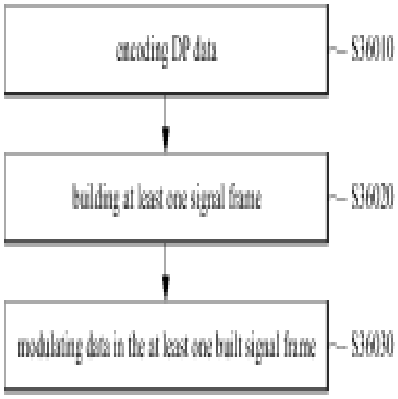
2)KIM Woochan
3)KIM Jaehyung
4)KO Woosuk
5)HONG Sungryong
6)MUN Chulkyu
7)CHOI Jinyong
8)HWANG Jaeho
9)BAEK Jongseob
10)KWAK Kookyeon
11)JEONG Byeongkook

(57) Abstract :
The object of the present invention can be achieved by providing a method of transmitting broadcast signals including encoding Data Pipe DP data wherein the encoding further includes Forward Error Correction FEC encoding the DP data Bit interleaving the FEC encoded DP data and mapping the bit interleaved DP data onto constellations; building at least one signal frame by mapping the encoded DP data; and modulating data in the at least one built signal frame by an Orthogonal Frequency Division Multiplexing OFDM method and transmitting the broadcast signals having the modulated data wherein each of the at least one signal frame includes at least one preamble having repeated at least one signaling information.



No. of Pages : 79 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2015
(21) Application No.1545/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DEVICE TO DEVICE OPERATION IN A CELLULAR COMMUNICATIONS SYSTEM

(51) International classification :H04W72/04
(31) Priority Document No :61/728659
(32) Priority Date :20/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/087487
Filing Date :20/11/2013
(87) International Publication No :WO 2014/079355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SENARATH Nimal Gamini
3)ZHU Peiying
4)MA Jianglei
5)BALIGH Mohammadhadi

(57) Abstract :
A method for operating a first device to device (D2D) device in a cellular communications system includes receiving geo location information from a first entity in the cellular communications system the geo location information including location information for cellular users of the cellular communications system and resources of the cellular communications system available to the cellular users selecting one of the resources to avoid causing interference to a cellular transmission the resource being selected in accordance with the geo location information and transmitting to a second D2D device over the selected resource.

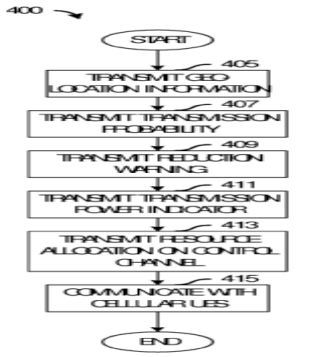

Fig. 4

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2015
(21) Application No.1546/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DOWNLINK DIRECTION REMOTE RADIO UNIT SELECTION DECISION METHOD AND DEVICE

(51) International classification :H04W48/06,H04W48/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/086067
Filing Date :06/12/2012
(87) International Publication No :WO 2014/086027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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(72)**Name of Inventor :**
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2)CHEN Wei
3)GUO Jiang
4)XUE Huaijie
5)SU Zhiwei
6)LIU Jingquan

(57) Abstract :
Disclosed are a downlink direction remote radio unit (RRU) selection decision method and device. The method comprises: an RRU selection decision period of the current RRU co cell reaching; and according to the current downlink measurement quantity of a user terminal and an uplink measurement quantity of each of RRUs determining that at least one RRU in the RRUs transmits downlink carrier signals or according to the current downlink measurement quantity of the user terminal the uplink measurement quantity of each of the RRUs and the power specification of each of the RRUs determining that at least one RRU in the RRUs transmits downlink carrier signals a downlink channel comprising a service channel and a stand alone dedicated control channel. The adoption of the present invention can select an appropriate RRU to transmit downlink carrier signals when appropriate realizes reasonable conversion of RRU transmission modes among single transmission double transmission and multi transmission modes and can reduce the probability of multi transmission or double transmission of the RRU thereby reducing the network interference and the energy consumption of the RRU.

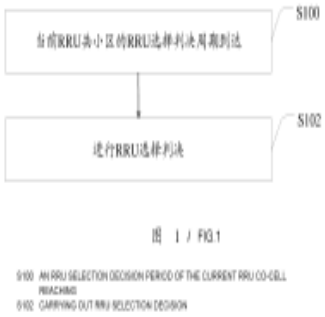

图 1 / FIG.1

S100 AN RRU SELECTION DECISION PERIOD OF THE CURRENT RRU CO-CELL REACHING
S102 CARRYING OUT RRU SELECTION DESISION

No. of Pages : 57 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1547/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TIME TRIGGERED ETHERNET BASED DATA TRANSMISSION METHOD AND NODE DEVICE

(51) International classification :H04L12/70
(31) Priority Document No :201210484945.6
(32) Priority Date :23/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/085598
Filing Date :30/11/2012
(87) International Publication No :WO 2014/079091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MA Huayi
2)DING Jie
3)XUE Baihua

(57) Abstract :
A time triggered Ethernet (TTE) based data transmission method and node device solving the problem of wasting network bandwidth resources in the prior art during TTE based data transmission; in the method a main node determines a scheduling period table based on a time triggered packet; when a node has a to be transmitted event triggered packet and the node determines according to the information stored in the scheduling period table that a physical link occupied by the event triggered packet is not in conflict with a physical link corresponding to the current time slot the node transmits the event triggered packet in the current time slot. The main node does not need to separately allocate time for the event triggered packet of each node. Therefore when a node has a to be transmitted event triggered packet the node can transmit the event triggered packet in the current time slot as long as the physical link occupied by the event triggered packet is not in conflict with the physical link corresponding to the current time slot thus effectively improving data transmission efficiency and network bandwidth utilization.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015

(21) Application No.1456/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PARANASAL SINUS ACCESS SYSTEM

(51) International classification :A61B17/24,A61M25/00,A61B17/34
(31) Priority Document No :61/723329
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050916
Filing Date :07/11/2013
(87) International Publication No :WO 2014/072977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BENDORY Ehud
2)BENDORY Eran
3)SHETRIT Naveh D.

(57) Abstract :
A system for accessing a nasal cavity and paranasal sinuses in the head of a patient the system including a weak straight supporter a curved supporter and a strong straight supporter the weak straight supporter being made of a shape memory material and having a straight shape memory the curved supporter having a curved shape memory the curved supporter having rigidity which exceeds that of the weak straight supporter the strong straight supporter having rigidity which exceeds that of the curved supporter wherein when the strong straight supporter overlaps the curved supporter an overlapped portion of the curved supporter conforms to the straight shape of the strong straight supporter and wherein when the curved supporter overlaps the weak straight supporter an overlapped portion of the weak straight supporter conforms to the curved shape of the curved supporter the supporters are slidably coupled therebetween.

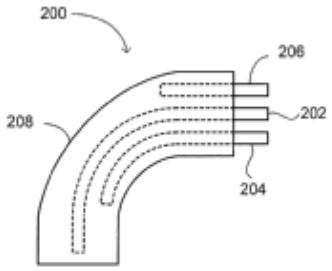

FIG. 3A

No. of Pages : 83 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015
(21) Application No.1457/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CASE UNIT

(51) International classification :H05K7/14
(31) Priority Document No :2013114720
(32) Priority Date :30/05/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/062646
Filing Date :12/05/2014
(87) International Publication No :WO 2014/192524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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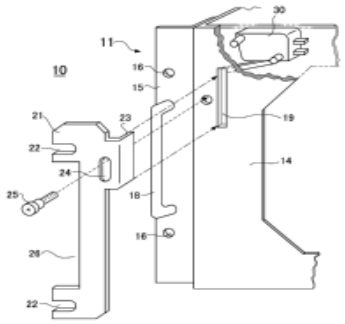
Address of Applicant :1 1 Tanabeshinden Kawasaki ku Kawasaki shi Kanagawa 2109530 Japan
(72)**Name of Inventor :**
1)KUWABARA Takashi

(57) Abstract :
A sliding member provided on a front panel of a case so as to be vertically moveable the sliding member being positioned in a lower position under its own weight is provided with a window portion that covers a screw insertion hole for fixing a unit in place when the sliding member is in the lower position the window portion exposing the screw insertion hole when the sliding member is raised to an upper position. The front panel is provided with an interlocking switch for controlling the operation of a case unit such that when the sliding member is raised to the upper position pressure from the sliding member causes the interlocking switch to be switched on and when the sliding member is in the lower position the pressure is released and the interlocking switch is switched off.



No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1556/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification :A61K8/72,A61K8/98,A61K8/891
(31) Priority Document No :PCT/CN2012/087267
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089881
Filing Date :18/12/2013
(87) International Publication No :WO 2014/101703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MA Shouwei
3)QIU Qiang
4)WANG Xiuxia

(57) Abstract :
Disclosed is a cosmetic composition comprising film forming polymer having a contact angle of 5 at least 85° non volatile silicone oil and cosmetically acceptable carrier wherein the non volatile silicone oil comprises dimethiconol aminosilicone or a mixture thereof and the weight ratio of the film forming polymer to the non volatile silicone oil is at least 1:4 wherein the film forming polymer is selected from silicone resin non silicone resin film forming polymer or a mixture thereof. The composition is capable of forming a film on skin to provide the benefits of 10 wash off resistance abrasion resistance cumulative deposition of beneficial agent and/or long lasting deposition of beneficial agent.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1557/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORAL CARE COMPOSITION HAVING AN ADDUCT OF CLAY AND ANTIBACTERIAL AGENT

(51) International classification :A61K8/26,A61K8/41,A61Q11/00
(31) Priority Document No :12199421.4
(32) Priority Date :27/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073982
Filing Date :15/11/2013
(87) International Publication No :WO 2014/102032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHANDRASEKARAN Sembian
3)GHOSH DASTIDAR Sudipta
4)GOEL Satish Kumar
5)IYER Meenakshi
6)SAJI Maya Treesa

(57) Abstract :
Disclosed is an oral care composition having: (i) 5 to 60 wt% abrasive; (ii) an anionic surfactant; and (iii) a bipolar antimicrobial particle whose precursor is an asymmetric 1:1 or 2:1:1 clay particle comprising alternating tetrahedral and octahedral sheets terminating with a tetrahedral sheet at one external surface plane and an octahedral sheet at another external surface plane with an antimicrobial agent attached to the coordinating cation on one of the said external surface plane where the antibacterial agent is a quaternary ammonium material. The disclosed compositions are highly effective at controlling bacterial re growth as well as they are equally good at providing immediate control on the bacterial count.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015
(21) Application No.1470/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI DIMENSIONAL CODE TRANSLATION

(51) International classification :G06Q20/12,G06K19/06
(31) Priority Document No :61/732222
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072398
Filing Date :27/11/2013
(87) International Publication No :WO 2014/085700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SELLERS Christopher
2)OSBORNE John
3)RUSSELL David

(57) Abstract :
Value documents such as coupons and event tickets that are represented or indexed in the form of QR codes or other types of two dimensional encoding techniques may be acquired by imaging with a suitably enabled mobile device and then translated in the mobile device into a form suitable for presentation as a one dimensional barcode at a point of sale/service using light simulated barcode technology.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015
(21) Application No.1471/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PREPARING (2 METHYL 1 (3 METHYLBENZYL) *1H* BENZO[D]IMIDAZOL 5 YL)(PIPERIDIN 5 YL)METHANONE

(51) International classification :C07D401/06,A61K31/4439,A61P29/00
(31) Priority Document No :1020120155892
(32) Priority Date :28/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011221
Filing Date :05/12/2013
(87) International Publication No :WO 2014/104607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PARK Tae Kyo
3)WOO Sung Ho
4)LEE Dae Yon
5)JUNG Eun Mi

(57) Abstract :
1H1HThe present invention relates to a method for preparing (2 methyl 1 (3 methylbenzyl) benzo[d]imidazol 1 yl)(piperidin 5 yl)methanone having an activity as a protease activated receptor 2 (PAR 2) inhibitor and an intermediate thereof. When (2 methyl 1 (3 methylbenzyl) benzo[d]imidazol 1 yl)(piperidin 5 yl)methanone represented by chemical formula 1 which has an activity as a PAR 2 inhibitor and can be used for treating and preventing inflammatory diseases is prepared using an amine compound as a novel intermediate compound according to the present invention the reaction steps are reduced as a whole costs are saved crystallization is effective and the total yield is increased since the introduction of a protecting group and the reaction of a deprotecting group are unnecessary. In addition with respect to separation and purification of the compound represented by chemical formula 1 which is a final product a crystallization method an extraction method and the like suitable for industrial sized synthesis can be used thereby being very economical.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1553/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification :A61K8/19,A61K8/89,A61K8/92
(31) Priority Document No :PCT/CN2012/087267
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089870
Filing Date :18/12/2013
(87) International Publication No:WO 2014/101702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)LI Hangsheng
3)WANG Xiuxia
4)YUAN Caigen

(57) Abstract :
Disclosed is a cosmetic composition comprising film forming polymer having a contact angle of at least 85° wax optical particle and at least 20% of water by weight of the composition.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1554/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification :A61K8/19,A61K8/36,A61K8/89
(31) Priority Document No :PCT/CN2012/087301
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089863
Filing Date :18/12/2013
(87) International Publication No:WO 2014/101701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GHATLIA Naresh Dhirajlal
3)LI Hangsheng
4)WANG Xiuxia
5)YUAN Caigen

(57) Abstract :
Disclosed is a cosmetic composition comprising from 0.01 to 9% of film forming polymer having a contact angle of at least 85° by weight of the composition from 0.01 to 3.5% of fatty compound by weight of the composition and optical particle wherein the fatty compound is selected from fatty acid soap or a mixture thereof.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1555/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification :A61K8/19,A61K8/34,A61K8/89
(31) Priority Document No :PCT/CN2012/087301
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089862
Filing Date :18/12/2013
(87) International Publication No:WO 2014/101700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)QIU Qiang
2)WANG Xiuxia

(57) Abstract :
Disclosed is a cosmetic composition comprising a film forming polymer having a contact angle of at least 85° a steroid and cosmetically acceptable carrier wherein the weight ratio of the film forming polymer to the steroid is at least 5:9 wherein the film forming polymer is selected from silicone resin non silicone resin film forming polymer or a mixture thereof. The composition is capable of forming a film on skin to improve the benefits of skin firming wash off resistance abrasion resistance and/or long lasting deposition of beneficial agent.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.1467/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR DRIVING AN ANCILLARY UNIT OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F04D13/02,F01P5/12,F04D13/06
(31) Priority Document No :10 2012 022 195.9
(32) Priority Date :08/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000659
Filing Date :05/11/2013
(87) International Publication No :WO 2014/071911
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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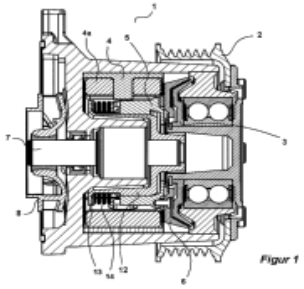
2)MARTIN Rico

(57) Abstract :
The problem addressed by the present invention is that of providing an improved ancillary unit. This problem is solved by the following features: the ancillary unit comprises a mechanical and an electric drive mechanism; the mechanical drive mechanism is connected to a first coupling section; the electric drive mechanism comprises a rotor and a stator; the stator comprises windings; the rotor of the electric machine is connected to a second coupling section; the rotor is connected for conjoint rotation with a shaft; the shaft is connected to at least one component of the ancillary unit which component is to be driven; the rotor can be axially displaced along the longitudinal extension of the shaft and axially displaced with respect to the shaft; the first and second coupling section are moved relative to one another by the axial displacement of the rotor; the rotor is thereby displaced axially along the longitudinal extension of the shaft with respect to same such that electric current flows through the windings.


Figur 1

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015
(21) Application No.1468/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ELEMENTS WIRELESS COMMUNICATION SYSTEM AND METHODS THEREFOR

(51) International classification :H04W36/00,H04W24/10,H04W84/04
(31) Priority Document No :1222473.9
(32) Priority Date :13/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/075910
Filing Date :09/12/2013
(87) International Publication No :WO 2014/090721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Building 2020 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DW U.K.
(72)**Name of Inventor :**
1)AWAD Akram Jamal Masoud

(57) Abstract :
An Access Point (105) serving a small cell (202) in a cellular communication system (100) uses the User Equipment intra frequency Primary Scrambling Code detection mode to detect neighbours inter frequency by switching its carrier frequency to a frequency on which it is desired to check for neighbours (for a period long enough and/or often enough for it UE to have a reasonable chance of detecting such a neighbour). Received measurements on such neighbour cells (202 203) may be used to compile a neighbour cell list if no such list has been preconfigured in the Access Point or if network listen results have provided only a limited number of detected neighbour cells.

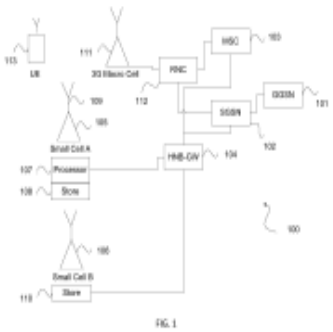


FIG. 1

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.1469/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFANT/TODDLER SHOWER CHAIR

(51) International classification :A47D1/00,A47C5/00,A47K3/12
(31) Priority Document No :2012904879
(32) Priority Date :08/11/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/001297
Filing Date :08/11/2013
(87) International Publication No :WO 2014/071461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YASSA Meray
Address of Applicant :121 Group Management P/L 11 Hutchinson Avenue Kellyville NSW 2155 Australia
(72)**Name of Inventor :**
1)YASSA Meray

(57) Abstract :
This invention is a baby / infant shower chair. The chair can be placed in the shower and the baby / infant can be placed inside the capsule and locked in with the 5 point harness for safety. This can now make it easy for parents to wash their babies and infants by simply using the baby / infant shower chair. Ideally for best practice it is recommended the parents to cleanse the baby / infant with the baby soap and wash down this soap with a cloth rather than placing the baby / infant directly under the shower head.

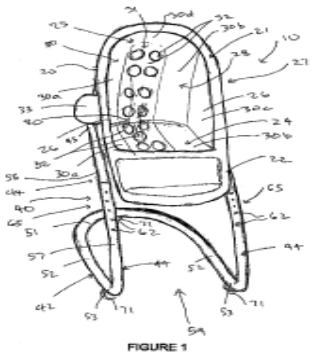


FIGURE 1

No. of Pages : 19 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015

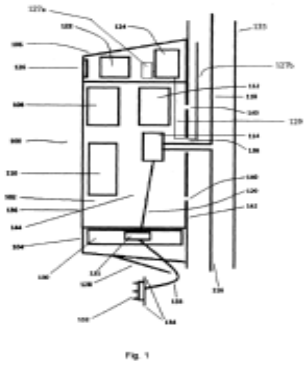
(21) Application No.1565/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL VEHICLE BATTERRY CHARGER MOUNTED ON LAMP POST

(51) International classification :B60L11/18
(31) Priority Document No :12513073
(32) Priority Date :19/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051347
Filing Date :18/11/2013
(87) International Publication No :WO 2014/077773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIROS POWER SOLUTION AB
Address of Applicant :Box 9124 S 200 39 Malm Sweden
(72)**Name of Inventor :**
1)JOHANSSON Roland

(57) Abstract :
The present invention relates to an electric distribution appliance (100) suitable for distributing electrical power to a mobile device such as an electric vehicle said appliance comprising a central part (102) a lower part (104) and an upper part (106) where each of said lower part (104) and said upper part (106) are mounted in such a way that they can be removed from said central part (102) said electric distribution appliance being adapted for being mounted to an existing lamp post (135).



No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

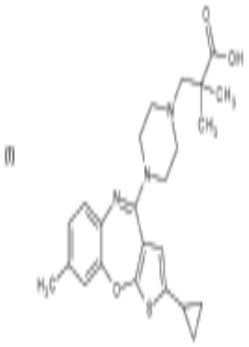
(21) Application No.1483/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : (THIENO[2 3 B][1 5]BENZOXAZEPIN 4 YL)PIPERAZIN 1 YL COMPOUNDS AS DUAL ACTIVITY H1 INVERSE AGONISTS/5 HT2A ANTAGONISTS

(51) International classification	:C07D498/04,A61K31/55,A61P25/00
(31) Priority Document No	:61/752203
(32) Priority Date	:14/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/010577 :08/01/2014
(87) International Publication No	:WO 2014/110065
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
(72)**Name of Inventor :**
1)GALLAGHER Peter Thaddeus

(57) Abstract :
A dual H1 inverse agonist/5 HT2A receptor antagonist of the formula: [Formula I] its uses and methods for its preparation are described.



No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1484/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THIAZOLE DERIVATIVES AS ALPHA 7 NACHR MODULATORS

(51) International classification :C07D277/26,C07D277/46,C07D417/04
(31) Priority Document No :1307/KOL/2012
(32) Priority Date :12/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/060056
Filing Date :11/11/2013
(87) International Publication No :WO 2014/072957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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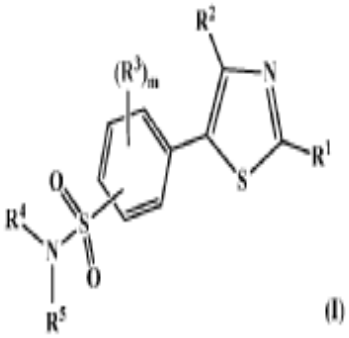
Address of Applicant :159 CST Road Kalina Santacruz (East) State of Maharashtra India Mumbai 400 098 Maharashtra India
(72)**Name of Inventor :**
1)SINHA Neelima
2)KARCHE Navnath Popat
3)HAJARE Anil Kashiram
4)THUBE Baban Rupaji
5)RAJE Firoj Aftab
6)BHANAGE Dnyaneshwar Changdeo
7)BALGUDE Sudhakar Maruti
8)PALLE Venkata P.
9)KAMBOJ Rajender Kumar

(57) Abstract :
12345Disclosed is a compound of formula (I) wherein R R R R R and m are as described herein as a modulator of nicotinic acetylcholine receptors particularly a7 subtype its tautomeric forms its stereoisomers its pharmaceutically acceptable salts its pharmaceutical composition and its combinations with suitable medicaments. Also disclosed are a process of preparation of the compounds and the intended uses thereof in therapy particularly in the prophylaxis and therapy of disorders such as Alzheimer s disease mild cognitive impairment senile dementia and the like.



(I)

No. of Pages : 102 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015
(21) Application No.1485/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ALLOCATING MEMORY TO DISSIMILAR MEMORY DEVICES USING QUALITY OF SERVICE

(51) International classification :G06F12/06,G06F13/16
(31) Priority Document No :61/735352
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068217
Filing Date :04/11/2013
(87) International Publication No :WO 2014/092883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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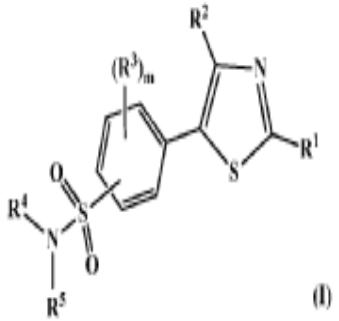
(72)**Name of Inventor :**
1)DE Subrato K.
2)STEWART Richard A.
3)CASCAVAL Gheorghe Calin
4)CHUN Dexter T.

(57) Abstract :
Systems and methods are provided for allocating memory to dissimilar memory devices. An exemplary embodiment includes a method for allocating memory to dissimilar memory devices. An interleave bandwidth ratio is determined which comprises a ratio of bandwidths for two or more dissimilar memory devices. The dissimilar memory devices are interleaved according to the interleave bandwidth ratio to define two or more memory zones having different performance levels. Memory address requests are allocated to the memory zones based on a quality of service (QoS).



(I)

No. of Pages : 40 No. of Claims : 25

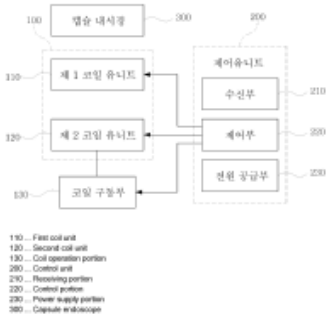
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015
(21) Application No.1562/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPERATION CONTROL SYSTEM OF CAPSULE TYPE ENDOSCOPE AND CAPSULE TYPE ENDOSCOPE SYSTEM COMPRISING SAME

(51) International classification :A61B1/00,A61B1/012
(31) Priority Document No :1020120133515
(32) Priority Date :23/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010271
Filing Date :13/11/2013
(87) International Publication No :WO 2014/081150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY
Address of Applicant :77 Yongbong ro Buk gu Gwangju 500 757 Republic of Korea
(72)**Name of Inventor :**
1)PARK Suk Ho
2)PARK Jong Oh
3)LEE Cheong
4)CHOI Hyun Chul
5)JEONG Semi

(57) Abstract :
The present invention relates to an operation control system for spirally operating a capsule endoscope along a tubular organ and a capsule type endoscope system comprising the same. The operation control system for a capsule endoscope of the present invention comprises: a magnetic field generation portion (100) comprising a first coil unit (110) provided on three orthogonal axes to generate a magnetic field and a second coil unit (120) comprising one coil structure for generating a magnetic field gradient; and a mechanical coil operation portion (130) for three dimensionally rotating the second coil unit (120) thereby generating a rotating magnetic field and the magnetic field gradient. Therefor it is possible to simplify the operation control system for a capsule endoscope by forming the rotating magnetic field and the magnetic field gradient for a spiral motion of a capsule endoscope only with a minimum coil system.



No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1563/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR USING FPGA TO REALIZE 32 BIT ADDRESSING AND ACCESSING OF SV DATA

(51) International classification :H04L29/12,H04L29/06
(31) Priority Document No :201210559297.6
(32) Priority Date :20/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/001302
Filing Date :28/10/2013
(87) International Publication No :WO 2014/094350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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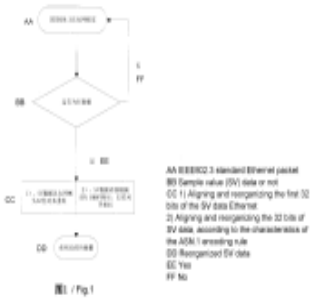
Address of Applicant :No. 9 4th St. Shangdi Information Industry Base Haidian Beijing 100085 China
(72)**Name of Inventor :**
1)XIAO Zhengqiang
2)HOU Zhiguang
3)YUAN Haitao
4)HU Jiong
5)ZHOU Tao
6)CHEN Qiurong
7)XU Wanfang
8)XIAO Kun
9)FANG Tongzhong

(57) Abstract :
Provided is a method for using an FPGA to realize 32 bit addressing and accessing of sample value (SV) data for a device in an intelligent transformer substation to process digital SV data. The method comprises the following steps: an FPGA receives a raw packet of SV data based on the IEEE802.3 standard analyzes the data structure of an Ethernet frame utilizes the characteristics of the ASN.1 encoding rule to reorganize the SV data of a network byte order according to the Ethernet frame characteristics of the SV data and converts the reorganized SV data into data capable of being directly accessed by a pure 32 bit addressing processor thus greatly improving SV decoding efficiency. When a pure 32 bit addressing processor splits and reintegrates via software the SV data of a network byte order the efficiency is dramatically reduced. The present invention solves the problem and improves the decoding efficiency by 5 10 times.



No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1395/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUSION PROTEINS FOR USE AS IMMUNOGENIC ENHANCERS FOR INDUCING ANTIGEN SPECIFIC T CELL RESPONSES

(51) International classification	:A61K39/385,A61K39/00,A61K38/00
(31) Priority Document No	:61/733879
(32) Priority Date	:05/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/072753 :03/12/2013
(87) International Publication No	:WO 2014/089009
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)THEVAX GENETICS VACCINE CO. LTD.
Address of Applicant :5F No. 25 2 Sec. 4 Ren ai Rd. Da an District Taipei City Taiwan 10685 China
(72)**Name of Inventor :**
1)WU Chia Mao
2)CHANG Hsiu Kang

(57) Abstract :
A fusion protein for use as an immunogen enhancer for enhancing antigen specific T cell responses is disclosed. The fusion protein comprises: (a) an antigen presenting cell (APC) binding domain or a CD91 receptor binding domain; (b) a protein transduction domain; and (c) an antigen of a pathogen wherein the APC binding domain or the CD91 receptor binding domain is located at the N terminus of the fusion protein and the antigen of the pathogen is located at the C terniinus of the protein transduction domain. The protein transduction domain is selected from the group consisting of: (i) a fusion polypeptide comprising a T cell sensitizing signal transducing peptide a linker and a translocation peptide; (it) a T cell sensitizing signal transducing peptide; and (iii) a translocation peptide of 34 112 amino acid residues in length.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

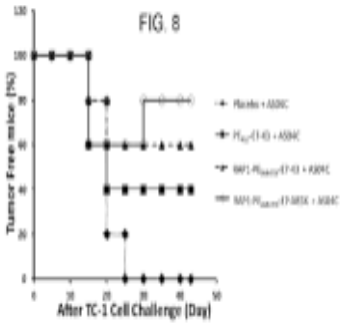
(21) Application No.1396/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUSION PROTEINS FOR USE AS IMMUNOGENIC ENHANCERS FOR INDUCING ANTIGEN SPECIFIC T CELL RESPONSES

(51) International classification :A61K39/104
(31) Priority Document No :61/733879
(32) Priority Date :05/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072804
Filing Date :03/12/2013
(87) International Publication No :WO 2014/089036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THEVAX GENETICS VACCINE CO. LTD.
Address of Applicant :5F No. 25 2 Sec. 4 Ren ai Rd. Da an District Taipei City Taiwan 10685 China
(72)**Name of Inventor :**
1)CHOU Wei I
2)WU Chia Mao
3)WU Jiun Ming
4)CHANG Hsiu Kang

(57) Abstract :
A vaccine composition comprising a fusion protein for inducing enhanced pathogen antigen specific T cell responses is disclosed. The fusion protein comprises: (a) an antigen presenting cell (APC) binding domain or a CD91 receptor binding domain located at the N terminus of the fusion protein; (b) a translocation peptide of 34 112 amino acid residues in length comprising an amino acid sequence that is at least 90% identical to SEQ ID NO: 4 2 3 or 6 located at the C terminus of the APC binding domain or the CD91 receptor binding domain; and (c) an antigen of a pathogen located at the C terminus of the translocation peptide; (d) a nuclear export signal comprising the amino acid sequence of SEQ ID NO: 13; and (e) an endoplasmic reticulum retention sequence located at the C terminus of the fusion protein.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1479/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REGION DETERMINATION CONTROL

(51) International classification :G01C21/00,G01C21/20
(31) Priority Document No :13/741243
(32) Priority Date :14/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074582
Filing Date :12/12/2013
(87) International Publication No :WO 2014/109865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)VENKATRAMAN Sai Pradeep
2)GARIN Lionel Jacques
3)ZHANG Gengsheng

(57) Abstract :
A method in a mobile device of controlling region determination by the mobile device includes: determining a present pressure at the mobile device; determining based on the present pressure and a reference pressure that the mobile device moved from a first region to a second region within a structure the first region and the second region being different regions of the structure and vertically displaced from each other; and performing region determination in response to determining that the mobile device moved from the first region to the second region.

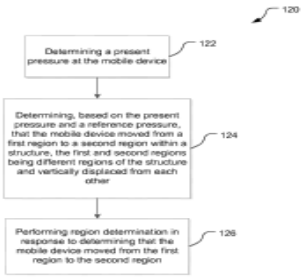


FIG. 8

No. of Pages : 48 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015
(21) Application No.1560/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR SETTING TOUCH VIBRATION FUNCTION OF TOUCH SCREEN

(51) International classification :G06F3/041
(31) Priority Document No :201310005190.1
(32) Priority Date :07/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/070231
Filing Date :07/01/2014
(87) International Publication No :WO 2014/106494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI DEVICE CO. LTD.
Address of Applicant :Building B2 Huawei Industrial Base Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)LI Zhihua

(57) Abstract :
Disclosed are a method and device for setting a touch vibration function of a touch screen relating to the technical field of mobile terminals which solve the problems that a touch vibration function of a touch screen cannot be normally shut off the user experience is reduced and the power consumption is increased when using an existing capacitance touch screen mobile phone installed with WP8. The method comprises receiving a function setting instruction input by a user through an operational interface; modifying a value of a preset registry entry according to the function setting instruction; receiving touch information generated when the touch screen is touched; when the value of the registry entry determines to perform touch vibration performing touch vibration according to the touch information and reporting the touch information to an operating system; and when the value of the registry entry determines not to perform touch vibration reporting the touch information to the operating system. The present invention is applicable to a capacitance touch screen cellular phone with WP8.

图1 / FIG.1

101 Receiving a function setting instruction input by a user through an operational interface
102 Modifying a value of a preset registry entry according to the function setting instruction
103 Receiving touch information generated when a touch screen is touched
104 When the value of the registry entry determines to perform touch vibration, performing touch vibration according to the touch information and reporting the touch information to an operating system; and when the value of registry entry determines not to perform touch vibration, reporting the touch information to the operating system

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1491/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR OBTAINING OIL FROM MAIZE USING ACID PROTEASE AND CELL WALL POLYSACCHARIDE DEGRADING ENZYMES

(51) International classification :C12P7/64,C12N9/26
(31) Priority Document No :61/724458
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068297
Filing Date :04/11/2013
(87) International Publication No :WO 2014/074452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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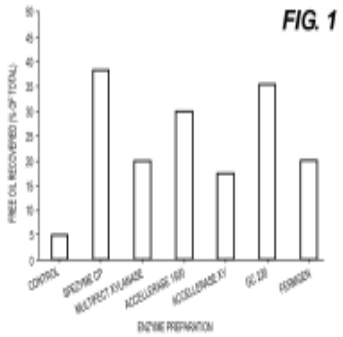
Address of Applicant :Washington District of Columbia 20250 U.S.A.
2)DUPONT INDUSTRIAL BIOSCIENCES
(72)**Name of Inventor :**
1)JOHNSTON David
2)HICKS Kevin B.
3)MOREAU Robert A.
4)SHETTY Jayarama K.

(57) Abstract :
Disclosed are methods for obtaining oil from maize involving grinding maize kernels to form flour adding water to the flour to form a slurry and incubating the slurry with amylase for about 10 minutes to about 180 minutes at a temperature of about 75° to about 120°C and at a pH of about 3 to about 7 to form a mash cooling the mash to about 15°C to about 40°C and adding a nitrogen source glucoamylase yeast acid protease and cell wall polysaccharide degrading enzymes to form a beer containing ethanol and oil wherein the beer has a pH of about 3 to about 7 and recovering oil from the beer.



No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015
(21) Application No.1577/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF REMOVING SUSPECTED SECTION OF TRACK

(51) International classification :B61L27/00
(31) Priority Document No :13/727095
(32) Priority Date :26/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/060889
Filing Date :12/12/2013
(87) International Publication No :WO 2014/102647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOLDMAN Andrea
2)KRUNIC Duka
3)RUDZINSKI Roman

(57) Abstract :
A method of removing a suspected section from a record includes obtaining an estimated distance between a communicating vehicle and a block boundary of a first block and a second block of a track. The suspected section is defined as a section of the first block between a communicating vehicle and a block boundary of the first block and the second block. An occupancy status of the second block is obtained. The suspected section is removed from the record after for a predetermined time period (a) the estimated distance remains less than a predetermined threshold distance and (b) the occupancy status of the second block remains a vacant state the predetermined time period being a non zero time period.

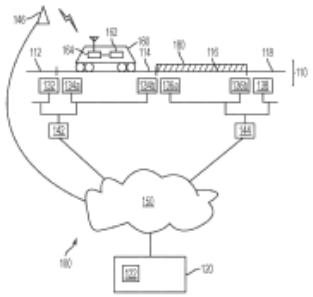

FIG. 1

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.1578/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FERRITIC STAINLESS STEEL FOR AUTOMOTIVE EXHAUST SYSTEM WHICH HAVE EXCELLENT CORROSION RESISTANCE AGAINST CONDENSATE MOLDABILITY AND HIGH TEMPERATURE OXIDATION RESISTANCE AND METHOD FOR MANUFACTURING SAME

(51) International classification :C22C38/00,C21D8/00,C21D9/46
(31) Priority Document No :1020120152206
(32) Priority Date :24/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/011626
Filing Date :27/12/2012
(87) International Publication No :WO 2014/104424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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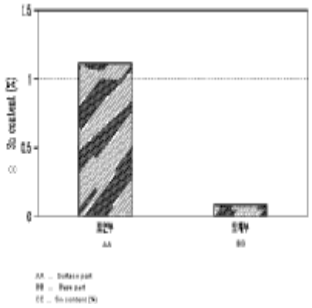
(72)**Name of Inventor :**
1)RYU Han Jin
2)TAE Gi Sun
3)KANG Hyung Gu
4)HA Hun Jae

(57) Abstract :
The present invention relates to a ferritic stainless steel having excellent corrosion resistance against condensate moldability and high temperature oxidation resistance wherein the ferritic stainless steel is capable of being manufactured in an economically advantageous manner without adding expensive alloying elements. Provided is a ferritic stainless steel having excellent corrosion resistance against condensate and moldability and comprising by weight% C: greater than 0 and 0.01% or less Cr: 9 to 13% Si: 0.5 to 1.0% Mn: greater than 0 and 0.5% or less P: greater than 0 and 0.035% or less S: greater than 0 and 0.01% or less Ti: 0.15 to 0.5% N: greater than 0 and 0.01% or less Sn: 0.05 to 0.5% and the remainder is Fe and inevitable impurities wherein Sn concentrated at the surface part of the stainless steel is 10 times or more than Sn concentrated at the base part.



No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015
(21) Application No.1579/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPECIMEN COLLECTION DEVICE AND KIT

(51) International classification :A61B10/02,A61B17/42
(31) Priority Document No :61/732148
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000991
Filing Date :27/11/2013
(87) International Publication No :WO 2014/082159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHING Victoria Jessica
2)MOSES Evan
3)SHOHAM Gilad

(57) Abstract :
Devices and methods of use thereof are provided for the collection of a biological sample during insertion into a human orifice. The device may include a body piece an insertion piece extending from one end of the body piece and a handle connected to the other end of the body piece. Upon rotation of the handle a shaft housed within the body piece with a collection end at a distal portion thereof is extended from a retracted position to an extended position such that the collection end exits an opening within the insertion piece. The angle of the body piece relative to the insertion piece may be configured for self sampling of a vaginal sample in a seated position. The collection end may be a swab with a plurality of pinwheeling fins having leading edge oriented to collect the biological sample when the shaft is rotated in a given direction.

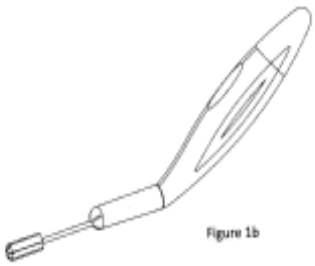
Figure 1b

No. of Pages : 48 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015
(21) Application No.1474/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING FRACTIONAL BEAMFORMING BY LARGE SCALE MIMO IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/06
(31) Priority Document No :61/809833
(32) Priority Date :08/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/011727
Filing Date :17/12/2013
(87) International Publication No :WO 2014/168317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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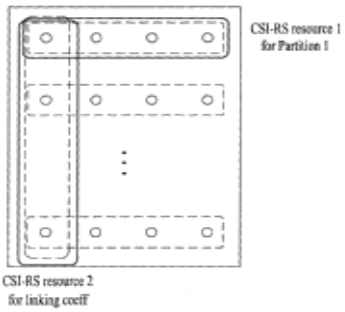
(72)**Name of Inventor :**
1)KANG Jiwon
2)LEE Kilbom
3)KO Hyunsoo
4)CHUNG jaehoon

(57) Abstract :
A method for performing fractional beamforming using a massive antenna array at a Base Station (BS) in a wireless communication system is disclosed. The method includes dividing the massive antenna array by rows or by columns into partitions receiving feedback information about the partitions from a User Equipment (UE) determining sub precoders for the partitions based on the feedback information and transmitting a signal to the UE by performing beamforing using the sub precoders and a linking precoder that links the partitions to each other.

FIG. 21



No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015
(21) Application No.1571/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEDICAMENT STORAGE DISPENSING AND ADMINISTRATION SYSTEM AND METHOD

(51) International classification :A61J1/03
(31) Priority Document No :61/732753
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072878
Filing Date :03/12/2013
(87) International Publication No :WO 2014/089083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DENNY John W.
2)OSTRANDER Kevin

(57) Abstract :
Various exemplary embodiments relate to an electronic device for dispensing a medicament. The electronic device may include a medicament storage case or an electronic medicament device. The medicament storage case includes: a door moveable between an open position and a closed position; a lock moveable between a locked position where the lock maintains the door in the closed position and an unlocked position where the lock allows the door to move to the open position.

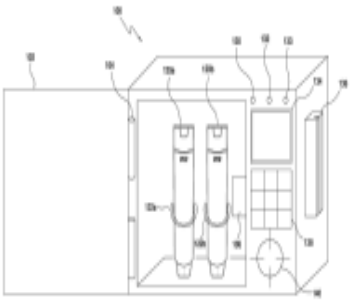

FIG. 1

No. of Pages : 51 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015

(21) Application No.1572/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEDICAMENT INFORMATION SYSTEM AND METHOD

(51) International classification :G08B29/00
(31) Priority Document No :61/732753
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072881
Filing Date :03/12/2013
(87) International Publication No :WO 2014/089086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :781 Chestnut Ridge Road Morgantown West Virginia 26505 U.S.A.
(72)**Name of Inventor :**
1)OSTRANDER Kevin
2)DENNY John W.

(57) Abstract :
Various exemplary embodiments relate to a method of using an emergency medicament device. The method includes reading an ID tag from the medicament device using a mobile device; automatically requesting instructions for using the medicament device based on the ID tag; and displaying a video to a user of the mobile device the video providing instructions for using the medicament device in accordance with approved labeling of the medicament device. Various exemplary embodiments relate to an electronic medicament device including: a reservoir configured to store an amount of medication for treating anaphylaxis; an administration component for administering the medication to a patient; a processor communicatively connected to a memory storing medicament device information; and an identification tag configured to be read by another device the identification tag providing the medicament device information including identification of instructions for using the medicament device.

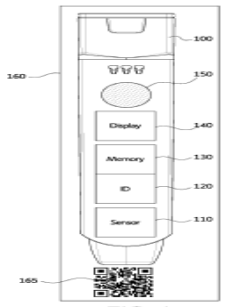

FIG. 1

No. of Pages : 49 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.1573/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BEAM FORMING ANTENNA ARRAY

(51) International classification :H01Q3/00
(31) Priority Document No :13/708554
(32) Priority Date :07/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/088865
Filing Date :09/12/2013
(87) International Publication No :WO 2014/086318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAZIZA Dedi D.

(57) Abstract :
A wireless access point device comprising a microcontroller unit a transceiver coupled to the microcontroller unit and a beam forming antenna coupled to the transceiver wherein the beam forming antenna comprises a reflector a switch and two or more antenna elements substantially adjacent to the reflector and each coupled to the switch. Included is a beam forming method comprising identifying one or more target users determining an antenna configuration activating one or more antenna elements each comprising a reflector thereby focusing an antenna radio frequency pattern towards the target users and communicating with the target users thereby transmitting data to the target users or receiving data from the target users.

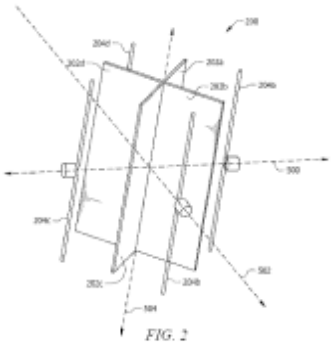

FIG. 2

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1481/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIPLEXER DESIGN USING THROUGH GLASS VIA TECHNOLOGY

(51) International classification :H03H7/46,H01F17/00,H01L23/15
(31) Priority Document No :61/751539
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011223
Filing Date :13/01/2014
(87) International Publication No :WO 2014/110480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VELEZ Mario Francisco
4)LAN Je Hsiung
5)KIM Daeik
6)YUN Changhan
7)BERDY David F
8)MIKULKA Robert P.
9)NORWAK Matthew M.
10)ZHANG Xiangdong
11)SEE Puay H

(57) Abstract :
A diplexer (200 240) includes a substrate (242) having a set of through substrate vias. The diplexer also includes a first set of traces (206 226 228) on a first surface of the substrate. The first traces are coupled to the through substrate vias (224). The diplexer further includes a second set of traces (228) on a second surface of the substrate that is opposite the first surface. The second traces are coupled to opposite ends of the set of through substrate vias. The through substrate vias and the traces also operate as a 3D inductor. The diplexer also includes a capacitor (210 212 214 230) supported by the substrate.

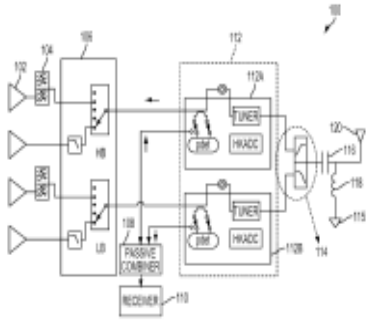

FIG. 1

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015
(21) Application No.1482/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENHANCED CONTROL CHANNEL ELEMENT (ECCE) BASED PHYSICAL DOWNLINK SHARED CHANNEL (PDSCH) RESOURCE ALLOCATION FOR LONG TERM EVOLUTION (LTE)

(51) International classification :H04W72/12
(31) Priority Document No :61/754489
(32) Priority Date :18/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071157
Filing Date :21/11/2013
(87) International Publication No :WO 2014/113138
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHEN Wanshi
2)JI Tingfang
3)XU Hao
4)GAAL Peter

(57) Abstract :
Aspects of the present disclosure provide techniques and apparatus for enhanced control channel element (ECCE) based physical downlink shared channel (PDSCH) resource allocation for long term evolution (LTE). A method is provided for wireless communications by a user equipment (UE). The method generally includes determining resources assigned for a data channel based on a resource granularity associated with a control channel and processing the data channel transmissions in a subframe based on the determination. The data channel may comprise a PDSCH. According to certain aspects the UE may receive downlink control information (DCI) having a number of bits indicating VRBs assigned for PDSCH. Each VRB may include ECCEs from the same or different enhanced resource element group (EREG). ECCEs may span multiple PRB pairs or the same PRB pair. The UE may perform rate matching around enhanced physical downlink control channel (EPDCCH) overlapping assigned PDSCH resources.

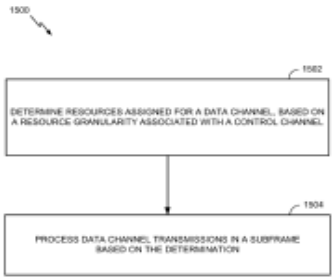

FIG. 15

No. of Pages : 43 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.1574/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEAT SENSITIVE LABEL AND PREPARATION AND USE METHOD THEREFOR

(51) International classification :G09F3/02,B32B7/12,G01K11/02
(31) Priority Document No :201210567490.4
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089507
Filing Date :16/12/2013
(87) International Publication No :WO 2014/101679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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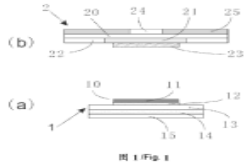
2)YING Xiaofang
3)SHI Xiaoju

(57) Abstract :
A heat sensitive label for monitoring the quality situation of a heat sensitive article a preparation method for the heat sensitive label and a heat sensitive article using the heat sensitive label. The heat sensitive label comprises two physically separated laminations i.e. a heat sensitive functional layer (1) and an adsorption indicating functional layer (2) wherein a volatile dye layer (11) of the heat sensitive functional layer (1) is sealed between a sealing film (13) and a first release film layer an isolation layer (23) of the adsorption indicating functional layer (2) is covered by a second release film layer and the two laminations are separately stored and transported and are combined together by respectively stripping off the first release film layer and the second release film layer when in use. The heat sensitive label can thus be stored and transported at normal temperature reducing the costs of use of the heat sensitive label.



No. of Pages : 48 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.1575/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING AN ANTI REFLECTIVE COATING FOR OPTICAL AND THERMOELECTRICAL DEVICES

(51) International classification :C03C17/00,C01B33/14
(31) Priority Document No :P 201232049
(32) Priority Date :27/12/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070900
Filing Date :19/12/2013
(87) International Publication No :WO 2014/102422
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SALOMN LEVY COH‰N David
3)ZAYAT SOUSS Marcos Daniel
4)CASTELLN ELIZONDO Erick
5)ALMENDRO FUENTES David

(57) Abstract :
The invention relates to a sol gel method for producing an anti reflective coating from alcoxide type precursors that can subsequently be applied to glass or plastic substrates by spraying. The invention also relates to optical and thermoelectrical devices that have been coated with said anti reflective material. This coating increases the transmittance of the transparent substrates over which it is applied as a result of which it is useful to apply over high concentration solar modules (HCPV) for both primary lenses and secondary lenses in conventional silicon or in CSP tubes.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2015

(21) Application No.1408/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A CONTROL SYSTEM FOR AN ELECTRIC MOTOR

(51) International classification :H02P25/22
(31) Priority Document No :1221129.8
(32) Priority Date :23/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/060314
Filing Date :21/11/2013
(87) International Publication No :WO 2014/080361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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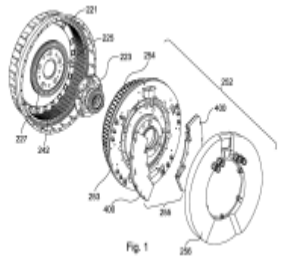
(72)**Name of Inventor :**
1)Burke Richard

(57) Abstract :
A control system for an electric motor the control system comprising a first control device arranged to control current in a first coil set of the electric motor and a second control device arranged to control current in a second coil set of the electric motor; wherein the first control device includes a first interface arrangement for receiving data from a first controller for allowing the first control device to determine a required current flow in the first coil set wherein the first interface arrangement is arranged to communicate data to the second control device for allowing the second control device to determine a required current flow in the second coil set.



No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2015
(21) Application No.1409/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRAINAGE SYSTEM FOR ELECTRIC MACHINES AND ELECTRIC MACHINES COMPRISING SAME

(51) International classification :H02K5/10,H02K9/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/BR2012/000512
Filing Date :11/12/2012
(87) International Publication No :WO 2014/089645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Avenida Prefeito Waldemar Grubba 3000 Bloco H Vila Lalau CEP:89256 900 Jaragu¡ do Sul SC Brazil
(72)**Name of Inventor :**
1)CASSIANO ANTUNES Cez¡rio
2)THIAGO SCHWINDEN Leal

(57) Abstract :
The present invention discloses a drainage system offering a high degree of protection at a low cost which can be used in closed electric machines and an electric machine using the drainage system and comprising an envelope provided with: a drainage body (1) that has an approximately cylindrical shape or can have other geometrical shapes made of a water proof material and provided with one or more openings (3) in said body (1) so as to form one or more inner and transverse channels (7) coupled to the drainage opening (8) of the envelope (2) in communication with the inside (A) of the envelope (2) and with the outside (B) of the envelope (2); a plurality of transverse filaments (4) is arranged in the opening(s) (3) extending longitudinally through the channel(s) (7) it being possible for the filaments (4) to be longer than the drainage body (1).

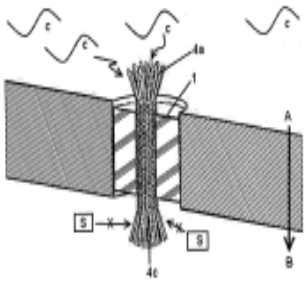

FIG. 4

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015
(21) Application No.1499/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VENT HOLDING STRUCTURE FOR VEHICLE AIR CONDITIONER AND VEHICLE AIR CONDITIONER PROVIDED THEREWITH

(51) International classification	:B60H1/00
(31) Priority Document No	:2012273696
(32) Priority Date	:14/12/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/083069
Filing Date	:10/12/2013
(87) International Publication No	:WO 2014/092077
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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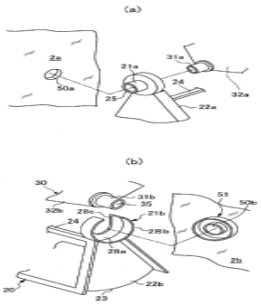
(72)**Name of Inventor :**
1)IKEDA Katsuyuki
2)HAYASHI Naoto

(57) Abstract :
Provided is a vent holding structure that when holding two vents along the same axis even if there are size variations or small amounts of warpage in one of the vents prevents said size variations or warpage from affecting smooth rotation of the vents thereby improving quality stability. Also provided is a vehicle air conditioner provided with said vent holding structure. [Solution] In this vent holding structure in which one of a pair of first supported parts (21a 21b) of a first vent (a mixing vent (20)) is rotatably supported in a first bearing hole (50a) formed in a first wall and the other of a pair of second supported parts (31a 31b) of a second vent (a mode vent (30)) is rotatably supported in a second bearing hole (50b) formed in a second wall the other of the pair of first supported parts is supported by a vent supporting part (51) formed in the second wall (a case member (2b)) so as to be able to rotate about the second bearing hole (50b) and the other (21b) of the pair of first supported parts is provided with a slit part (28b) through which the other of the pair of second supported parts can be inserted.



No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1590/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BICYCLE LIGHT PROJECTING DEVICES WITH LASER BEAM

(51) International classification :B62J6/02,B62J6/04,B62J11/00
(31) Priority Document No :1220965.6
(32) Priority Date :21/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052394
Filing Date :12/09/2013
(87) International Publication No :WO 2014/080168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :St Catherines Court Berkeley Place Clifton Bristol BS8 1BQ U.K.
(72)**Name of Inventor :**
1)WHITE Matthew
2)BROOKE Emily

(57) Abstract :
A light projecting device for use on a vehicle comprises a laser unit and a light source wherein the laser unit comprises a laser source and an image forming means configured for acting on laser light produced by the laser source and projecting a predetermined image onto a surface external to the vehicle in use and wherein the light source produces a visible light beam in use.

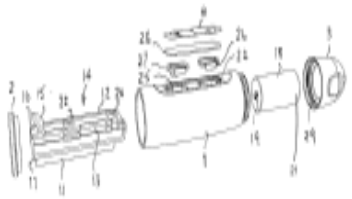

Fig. 2

No. of Pages : 27 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1494/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A USE OF THE MIXTURE OF A SALT AND SUGAR IN THE MANUFACTURE OF A MEDICAMENT EMPLOYED FOR TREATING LAX VEGINA SYNDROME OR COLPOXEROSIS DISEASE IN A MAMMAL

(51) International classification	:A61K33/14,A61K31/70,A61P15/02
(31) Priority Document No	:1020130117300
(32) Priority Date	:01/10/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/008180 :02/09/2014
(87) International Publication No	:WO 2015/050324
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)CHOI Won Seog
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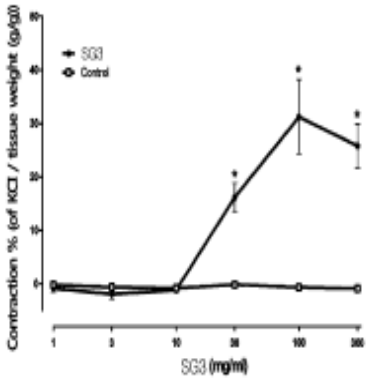
(72)**Name of Inventor :**
1)CHOI Won Seog
2)KWON, Dong-yeul

(57) Abstract :
The present invention relates to a use of the mixture of a salt and sugar in the manufacture of a medicament employed for treating lax vegina syndrome or colpoxerosis disease in a mammal. As described in the present invention through various tests for example vaginal smooth muscle contractility test using by New Zealand White Rabbit; (Experimental example 1); the effect on the vagina contractility in volunteers by using perinometer (Experimental example 2); and the effect on the colpoxerosis disease in volunteers (Experimental example 3) the inventive combination showed improving effect on the contractility of vagina tissue and colpoxerosis disease. Accordingly the inventive combination can be useful in treating or preventing lax vegina syndrome or colpoxerosis disease.



No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1586/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONFIGURING SECURE USER PLAN LOCATION (SUPL) ENABLED TERMINALS

(51) International classification :H04W4/00,H04W4/02
(31) Priority Document No :61/752264
(32) Priority Date :14/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074165
Filing Date :10/12/2013
(87) International Publication No :WO 2014/109853
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EDGE Stephen William
2)WACHTER Andreas Klaus

(57) Abstract :
Methods systems computer readable media and apparatuses are disclosed for providing location services to an application in a Secure User Plane Location (SUPL) Enabled Terminal (SET). In some embodiments a SUPL configuration server (SUPLCS) may configure multiple secure user plane location (SUPL) location platforms (SLPs) in a first stage. Subsequently the SUPL CS may configure information independently for the application in a second stage wherein the configuration information for the application includes identification of a particular Home SLP (HSLP) configured in the first stage.

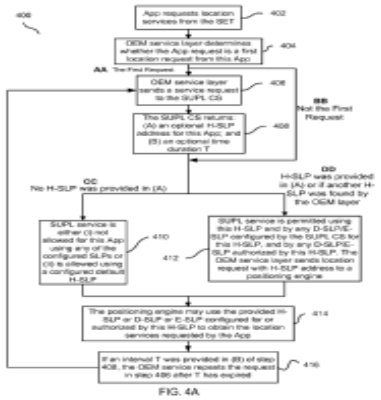

FIG. 4A

No. of Pages : 68 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1587/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING DELAY ESTIMATE BASED ON CROWDSOURCING DATA

(51) International classification :H04W64/00,G01S5/02
(31) Priority Document No :13/733560
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074694
Filing Date :12/12/2013
(87) International Publication No :WO 2014/107280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VENKATRAMAN Sai Pradeep
3)EMADZADEH Amir A.
4)DO Ju Yong
5)ZHANG Gengsheng
6)GARIN Lionel Jacques
7)RAMAN Sundar

(57) Abstract :
Techniques are provided for providing a processing delay estimate of an access point or turnaround calibration function (TCF) associated with round trip time (RTT) measurements. Mobile devices access points and/or other systems can utilize these techniques to derive processing delay from the RTT measurements. Crowdsourcing can also be used to help increase the accuracy of the processing delay estimate which can be propagated to multiple devices.

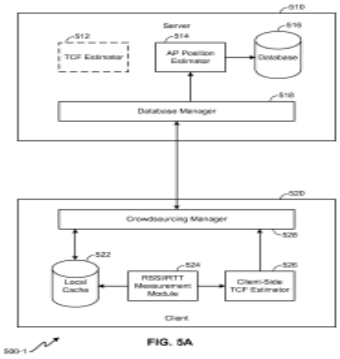

FIG. 5A

No. of Pages : 49 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015
(21) Application No.1588/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SWAB ASSEMBLY FOR SPECIMEN COLLECTION

(51) International classification :A61B10/00
(31) Priority Document No :13/738225
(32) Priority Date :10/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/078375
Filing Date :30/12/2013
(87) International Publication No :WO 2014/109932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)OLIVA Ryan P.

(57) Abstract :
A swab assembly for collecting a specimen from a patient includes an elongated shaft having a proximal end a distal end and a notch between its proximal and distal ends; a sheath having a proximal end a distal end and a lumen extending between its proximal and distal ends wherein a portion of the elongated shaft is disposed within the sheath lumen and the sheath is slidable relative to the elongated shaft; and a collection tip coupled to the distal end of the elongated shaft and configured for obtaining the specimen. The sheath is slidable between a first position in which the shaft notch is disposed within the sheath lumen and wherein the sheath protects the elongated shaft from breaking at the notch and a second position in which the shaft notch is exposed out of the sheath lumen.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1591/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AGROCHEMICAL COMPOSITION AND METHOD OF USE THEREOF

(51) International classification :A01N43/56,A01N43/36,C08G65/08
(31) Priority Document No :1303476.4
(32) Priority Date :27/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/CN2014/072223
Filing Date :19/02/2014
(87) International Publication No :WO 2014/131337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROTAM AGROCHEM INTERNATIONAL COMPANY LIMITED
Address of Applicant :Unit 6 26/f Trend Centre 29 Cheung Lee Street Chai Wan Hong Kong China
(72)**Name of Inventor :**
1)BRISTOW James Timothy

(57) Abstract :
12n33456m7778910567r3567891011122 13q3 51213421113324 11133An agrochemical composition is provided the composition comprising A) at least one agrochemical active ingredient of 1 arylpyrazoles of formula (I) in which: R represents a halogen atom or CN or a methyl group; R represents S(O) R or 4 5 dicyanoimidazol 2 yl or haloalkyl; R represents alkyl or haloalkyl; R represents a hydrogen or halogen atom or NR R S(O) R C(O)R or C(O)OR alkyl haloalkyl or OR or N=C(R)(R) radical; R and R independently represent a hydrogen atom or alkyl haloalkyl C(O)alkyl C(O)OR or S(O) CF radical or R and R can together form a divalent alkylene radical which can be interrupted by one or two divalent heteroatoms such as oxygen nitrogen or sulphur; R represents alkyl or haloalkyl; R represents alkyl or haloalkyl or a hydrogen atom; R represents alkyl or a hydrogen atom; R represents a phenyl or heteroaryl group optionally substituted by one or more halogen atoms or groups such as OH O alkyl S alkyl CN or alkyl; R and R represent independently of one another a hydrogen or halogen atom or CN or NO; R represents a halogen atom or a haloalkyl haloalkoxy S(O) CFor SF group; m n q and r represent independently of one another an integer equal to 0 1 or 2; X represents a trivalent nitrogen atom or a C R radical the other three valencies of the carbon atom forming part of the aromatic ring; with the proviso that when R is methyl then either R is haloalkyl R is NH R is Cl R is CF and X is N; or else R is 4 5 dicyanoimidazol 2 yl Ris Cl R is Cl R is CF and X is C Cl; and B) one or more adhesion promoters comprising a polyether the said polyether containing at least 16 polyoxyethylene and/or polyoxypropylene moieties; or one or more adhesion promoters comprising a polyether having a chain of ethylene oxide (EO) units and a hydrophobic portion in which the ratio of the number of ethylene oxide (EO) units to the length of the hydrophobic portion of the polyether molecule is at least 0.5. The composition is particularly useful in the treatment of seeds.

No. of Pages : 50 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015
(21) Application No.1592/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR RESOURCE MANAGEMENT IN TTI (TRANSMISSION TIME INTERVAL) BUNDLING FOR IMPROVED PHASE CONTINUITY

(51) International classification :H04W52/38,H04B17/00,H04W52/14
(31) Priority Document No :61/753860
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011969
Filing Date :17/01/2014
(87) International Publication No :WO 2014/113626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Wanshi
2)GAAL Peter
3)JI Tingfang
4)XU Hao

(57) Abstract :
Certain aspects of the present disclosure propose methods for improving phase continuity in an uplink transmit time interval (TTI) bundle. A first method may include identifying a segment of UL subframes in the TTI bundle and maintaining substantially the same transmit power/timing/frequency when transmitting data to a node over the segment of UL subframes in the TTI bundle. Another method may include ignoring reception of downlink subframes for a duration of the TTI bundle.

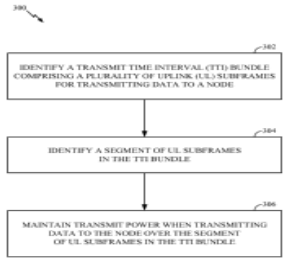

FIG. 3

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1593/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIPLE POWER CONTROL AND TIMING ADVANCE LOOPS DURING WIRELESS COMMUNICATION

(51) International classification :H04W52/54,H04B7/26,H04W56/00
(31) Priority Document No :61/756403
(32) Priority Date :24/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013056
Filing Date :24/01/2014
(87) International Publication No :WO 2014/117029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHEN Wanshi
2)XU Hao
3)GAAL Peter
4)WEI Yongbin

(57) Abstract :
A method of wireless communication includes receiving a signal from an base station. The method also includes determining a timing advance loop from a set of timing advance loops and/or a power control loop from a set of power control loops. The determination is based on the received signal.

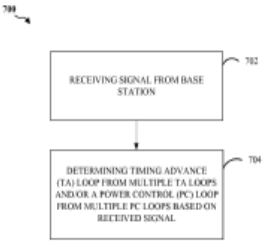

FIG. 7

No. of Pages : 43 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015
(21) Application No.1502/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL INTERROGATION DEVICE

(51) International classification :G01J3/443,C12M1/34,G01J3/10
(31) Priority Document No :61/733653
(32) Priority Date :05/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/060686
Filing Date :05/12/2013
(87) International Publication No :WO 2014/087380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHAPDELAINE Sbastien
3)B‰LIVEAU VIEL David
4)GRAVEL Jean Fran§ois

(57) Abstract :
An interrogation device for detecting luminescent light produced by analytes in a sample excited by multiple excitation light beams each having individual spectral contents comprising a plurality of light sources each generating an excitation light beam; at least one detector for detecting the luminescent light produced by the sample; and an optical assembly defining distinct and fixed excitation light paths for each of the excitation light beams from the light sources to a common excitation site on the sample and defining a shared luminescence light path for the luminescent light from the excitation site on sample to the at least one detector the excitation light paths and the luminescence light path being on a same side of the sample the optical assembly including sample side optics projecting the excitation light towards the sample and collecting luminescent light from the sample.

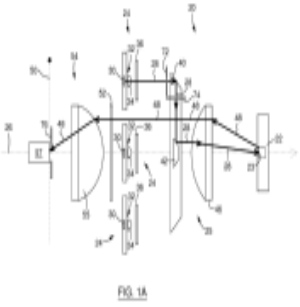

FIG. 1A

No. of Pages : 70 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1503/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOADING A RE DIRECTED WEB PAGE ON A WEB BROWSER OF A CLIENT DEVICE IN A COMMUNICATIONS SYSTEM

(51) International classification :H04L29/08
(31) Priority Document No :61/736981
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074798
Filing Date :12/12/2013
(87) International Publication No :WO 2014/093699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HERSHBERG Joshua
2)BERELEJIS Gabriel
3)MIZROTSKY Eitan

(57) Abstract :
In an embodiment a client device transmits a request for an initial web page to a proxy server. The proxy server requests the initial web page on behalf of the client device in response to the client device s request. The proxy server then executes a web page redirection procedure that is independent of interaction with the client device and results in the proxy server obtaining web page content. The proxy server delivers the web page content to a proxy client application on the client device along with instructions for simulating on the client device the web page redirection procedure between the proxy client application and a mobile web browser on the client device. The proxy client application on the client device then simulates the web page redirection procedure that occurred at the proxy server as instructed.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1504/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHARMACEUTICAL FORMULATION OF N [5 [2 (3 5 DIMETHOXYPHENYL) ETHYL] 2H PYRAZOL 3 YL] 4 [(3R 5S) 3 5 DIMETHYLPIPERAZIN 1 YL] BENZAMIDE

(51) International classification :A61K9/46,A61K9/16,A61K9/20
(31) Priority Document No :61/740520
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/053356
Filing Date :19/12/2013
(87) International Publication No:WO 2014/096828
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MISTRY Alpesh

(57) Abstract :
There are provided pharmaceutical compositions comprising a compound of Formula (I) as defined herein and an amount of an alkaline effervescent agent that is sufficient to provide satisfactory in vitro dissolution; and further comprising one or more pharmaceutically acceptable ingredients; and to processes for obtaining them.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1594/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PROCESS FOR PREPARING A MILK PRODUCT

(51) International classification :A23C3/00,A23C9/142
(31) Priority Document No :2010024
(32) Priority Date :20/12/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050929
Filing Date :20/12/2013
(87) International Publication No :WO 2014/098596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MENDEL Paul Willem
2)ZANDHUIS Jorine

(57) Abstract :
The invention is directed to a process for preparing a milk product from a raw milk feed comprising microorganisms as obtained by milking a milk delivering animal by separating the microorganism from the raw milk by means of microfiltration. A milk product poor in microorganisms and a retentate milk product enriched in microorganism relative to the raw milk is obtained. The microfiltration is performed as a cross flow filtration over a sieve which sieve comprises of a coated silicon cross flow surface plate with openings that are smaller than the dimensions of the microorganisms present in the raw milk feed and wherein over the sieve a high frequency back pulsing is applied. Microfiltration is performed within 8 hours from obtaining the raw milk feed by milking.

No. of Pages : 17 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1595/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CUTTING TORCH FOR CUTTING ULTRAHIGH THICKNESS 2000 3500 MM LOW CARBON AND LOW ALLOY STEEL INGOT AND CUTTING PROCESS OF THE CUTTING TORCH

(51) International classification :F23D14/42,F23D14/46,F23D14/54
(31) Priority Document No :201210471774.3
(32) Priority Date :20/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072787
Filing Date :18/03/2013
(87) International Publication No :WO 2014/079179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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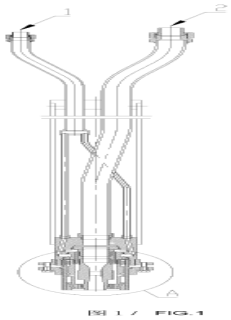
(72)**Name of Inventor :**
1)HAN Yongkui
2)YU Haonan
3)ZHOU Kun
4)LIN Chaoyong
5)ZHAO Songbai
6)WANG Zhixin

(57) Abstract :
The present invention provides a cutting torch for cutting an ultrahigh thickness 2000 3500 mm low carbon and low alloy steel ingot and a cutting process of the cutting torch belonging to the technical field of oxygen cutting metal. The cutting torch is characterized in that preheating oxygen and propane gas are not mixed inside the cutting tip of the cutting torch at first a preheating oxygen duct and a gas duct both are inclined toward the axis of the cutting torch a large flow cutting oxygen cutting tip is adopted and the diameter of the throat part of the cutting tip is 17 22 mm and each gas duct is designed into a structure with the lower part thereof slightly spread the diameter of the inlet thereof is 4.5 mm the spreading taper angle is 1.146° and the length of the spreading section is 8 mm. The cutting torch provided by the present invention and the cutting process are suitable for good quality and high efficiency cutting of the ultrahigh thickness 2000 3500 mm low carbon and low alloy steel ingot.



No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1596/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUEL CELL STACK ASSEMBLY AND METHOD OF ASSEMBLY

(51) International classification :H01M8/24
(31) Priority Document No :1223282.3
(32) Priority Date :21/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053322
Filing Date :17/12/2013
(87) International Publication No :WO 2014/096804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTELLIGENT ENERGY LIMITED
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(72)**Name of Inventor :**
1)HORLOCK Mark Phillip
2)KELLY Andrew Paul
3)PAYNE Simon

(57) Abstract :
A fuel cell stack assembly comprising: a first encapsulation member (302) comprising a first end plate and two side walls extending transversely from the first end plate; a second encapsulation member (304) comprising a second end plate; one or more fuel cells (330) located between the first end plate and second end plate; and two locking members (310) that are configured to engage with a respective side wall of the first encapsulation member (302) and the second encapsulation member (304) in order to retain the first end plate and the second end plate in a fixed relative position wherein the side walls of the first encapsulation member (302) are each configured to: engage with the second encapsulation member (304) in order to provide a compression force to the one or more fuel cells (330) and receive the respective locking member (310) in a direction that is parallel to the plane of the one or more fuel cells (330).

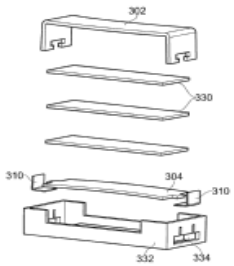

FIG. 3

No. of Pages : 37 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1597/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR EXTRACTING AND GATHERING AIR CONDITIONING HOSES

(51) International classification :B64F1/36
(31) Priority Document No :P201330018
(32) Priority Date :11/01/2013
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2014/070007
Filing Date :08/01/2014
(87) International Publication No :WO 2014/108590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THYSSENKRUPP AIRPORT SYSTEMS S.A.
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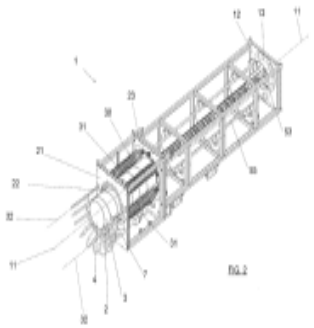
(72)**Name of Inventor :**
1)ARDURA FERNANDEZ Jos Manuel
2)GONZALEZ FERNANDEZ Jesºs

(57) Abstract :
Device for extracting and gathering air conditioning hoses which comprises a flexible hose (2) with a perimeter relief (7) rolled in a helical manner therealong; a storage body (10) inside which the hose (2) is accommodated along a longitudinal axis (11) thereof; and a traction head (20) that connects to the storage body (10) and has extraction and gathering means (30) configured in order to extract and to gather the hose (2). The extraction and gathering means (30) comprise one or more helical spindles (31) in contact with the perimeter relief (7) each one configured to rotate on a rotation axis (32) parallel to the longitudinal axis (11) the rotation of which gives rise to a thrust force (F) on said relief (7) that causes linear movement (D) of the hose (2) along the longitudinal axis (11).



No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

(21) Application No.1436/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : READY TO DRINK TEA BASED BEVERAGE COMPRISING CELLULOSE MICROFIBRILS DERIVED FROM PLANT PARENCHYMAL TISSUE

(51) International classification :A23F3/14,A23L1/308,A23L1/0534
(31) Priority Document No :12198229.2
(32) Priority Date :19/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075216
Filing Date :02/12/2013
(87) International Publication No :WO 2014/095323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KOPPERT RemcoJohannes
2)VELIKOV Krassimir Petkov

(57) Abstract :
The invention relates to a ready to drink tea beverage comprising water tea solids protein and primary cell wall material. The primary cell wall material is derived from plant parenchymal tissue and has been treated to contain at least partially disentangled cellulose microfibrils. The invention further relates to a method for preparing said ready to drink tea beverage comprising the steps of mixing at least part of the water and primary cell wall material; and subjecting this mixture to mechanical energy and/or cavitation.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2015
(21) Application No.1521/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RESIDUE HYDROCRACKING PROCESSING

(51) International classification :C10G67/04,C10G21/00
(31) Priority Document No :13/758429
(32) Priority Date :04/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012159
Filing Date :20/01/2014
(87) International Publication No :WO 2014/120490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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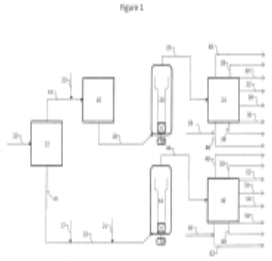
(72)**Name of Inventor :**
1)BALDASSARI Mario C.
2)MUKHERJEE Ujjal K.
3)OLSEN Ann Marie
4)GREENE Marvin I.

(57) Abstract :
A process for upgrading residuum hydrocarbons and decreasing tendency of the resulting products toward asphaltenic sediment formation in downstream processes is disclosed. The process may include: contacting a residuum hydrocarbon fraction and hydrogen with a hydroconversion catalyst in a hydrocracking reaction zone to convert at least a portion of the residuum hydrocarbon fraction to lighter hydrocarbons; recovering an effluent from the hydrocracking reaction zone; contacting hydrogen and at least a portion of the effluent with a resid hydrotreating catalyst; and separating the effluent to recover two or more hydrocarbon fractions.



No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1524/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DERIVATIVE OF NOVEL POLYHYDROXY AROMATIC COMPOUND AND USE THEREOF

(51) International classification :C07C43/20,C07D213/46,A61K8/30
(31) Priority Document No :1020120129687
(32) Priority Date :15/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010412
Filing Date :15/11/2013
(87) International Publication No :WO 2014/077626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM Cheong Taek

(57) Abstract :
nn+1n+21234 56The present invention provides a cyclic derivative compound having a chemical structure represented by general formula (I) or pharmacologically acceptable salts thereof which exhibit a superior whitening effect wherein with respect to general formula (I) A is derived from an aromatic cyclic compound C C and C are three adjacent carbons present in the cyclic compound and n is a positive integer R and R are a saturated or unsaturated straight or branched chain alkyl group or acyl group; and each of R R R and R is at least one substituent selected from
hydrogen alkyl alkoxy acyloxy acyloxymethyl oxo hydroxy vinyl nitrile carboxaldehyde carbonitrile and aldehyde.

No. of Pages : 41 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1613/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND PLANT FOR PRODUCING BIOGAS FROM LIGNOCELLULOSIC BIOMASS

(51) International classification :C12P5/02,C12M1/00,C12M1/107
(31) Priority Document No :10 2012 112 898.7
(32) Priority Date :21/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/076630
Filing Date :16/12/2013
(87) International Publication No :WO 2014/095669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LDTKE Oliver
2)SCHLIMBACH Michael
3)FICHTER Enrico
4)HORN Jens
5)POLLERT Georg
6)KHLING Jan

(57) Abstract :
The invention relates to a method for producing biogas from lignocellulosic biomass preferably from straw and to a plant for carrying out said method. The method comprises the following steps: a) mixing of the lignocellulosic biomass having an average particle size of less than 200 mm with aqueous solutions at a temperature of 60 100°C and/or with the aid of steam; b) heating of the lignocellulosic biomass to 130 200°C and maintaining the thus heated lignocellulosic biomass for a duration of 5 120 min c) anaerobic fermentation of the thermally treated lignocellulosic biomass by means of microorganisms and recovery of the biogas produced.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015

(21) Application No.1510/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILTER ASSEMBLY AND METHOD OF MANUFACTURE THEREOF

(51) International classification :H01P1/205,H01P1/208,H01P3/08
(31) Priority Document No :1222320.2
(32) Priority Date :12/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053223
Filing Date :06/12/2013
(87) International Publication No :WO 2014/091208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Shipley Wharf Wharf Street Shipley West Yorkshire BD17 7DW U.K.
(72)**Name of Inventor :**
1)TINKER John
2)GOSTLING Martin
3)RAWSON Iain
4)RIDLEY Ian
5)WILDER Adam

(57) Abstract :
Filter apparatus is provided including a filter body in which one or more resonating means (10) are formed. A support member (6) is provided for location over at least a part of one face of the said filter body. At least one transmission line (14) is provided for transmitting one or more radio frequency signals therealong in use. At least one transmission line is located on or associated with the support member (6).

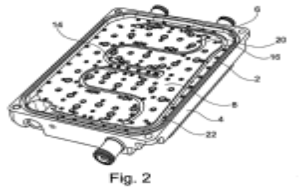
Fig. 2

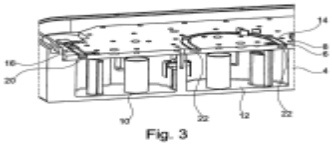
Fig. 3

No. of Pages : 26 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1601/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEEDLE ASSEMBLY

(51) International classification :A61M25/06,A61M5/32
(31) Priority Document No :13501374
(32) Priority Date :05/02/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2014/050138
Filing Date :04/02/2014
(87) International Publication No :WO 2014/123475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Garnisonsgatan 10 S 254 66 Helsingborg Sweden
(72)**Name of Inventor :**
1)KNUTSSON Per

(57) Abstract :
A needle assembly (100) for percutaneously infusing fluids to a body and/or withdrawing fluids from a body is provided. The needle assembly (100) comprises a polymeric body (101) having a passageway (102) in a proximodistal direction. A wing assembly is secured to the body (101) and the wing assembly including first and second wings (103) extending laterally in opposite directions from said body (101). A hollow needle (104) is arranged in said passageway (102) such that it extends distally from said body (101) wherein said needle (104) is press fitted or interference fitted in said passageway (102).

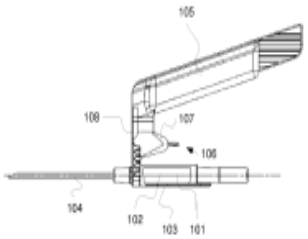

Fig. 3

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1602/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VISUAL IDENTIFIER OF THIRD PARTY LOCATION

(51) International classification :H04L29/08,H04W4/02,H04W4/04
(31) Priority Document No :13/747843
(32) Priority Date :23/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012545
Filing Date :22/01/2014
(87) International Publication No :WO 2014/116698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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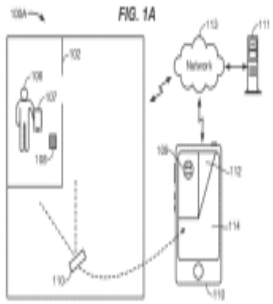
(72)**Name of Inventor :**
1)ALDANA Carlos Horacio
2)ZHANG Ning
3)FALES Mary A.

(57) Abstract :
Aspects of determining a geographical state of a target (106) through a user device (110) are provided. One method includes identifying at least one target (106) associated with a target device (107) configured to provide position data in a standard reference frame along with corresponding time values and sending a request for access to geographical state information for at least one target (106). The method may further include receiving geographical state information associated with the at least one target and generating a visual identifier (109) of the at least one target based on the geographical state information. The visual identifier may be associated with data captured by an imaging sensor which is functionally coupled to the user device (110). Systems and apparatuses for determining a geographical state of a target through a user device are further presented.



No. of Pages : 50 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1603/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW BICYCLIC COMPOUNDS AND THEIR USE AS ANTIBACTERIAL AGENTS AND LACTAMASE INHIBITORS

(51) International classification	:C07D471/08,A61K31/439,A61K31/444
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/IB2012/002675 :11/12/2012
(87) International Publication No	:WO 2014/091268
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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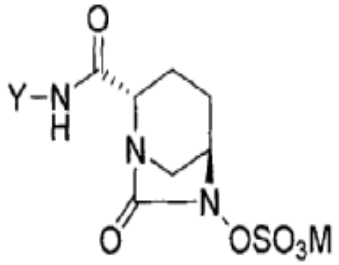
(72)**Name of Inventor :**
1)MAITI Samarendra N.
2)NGUYEN Dai
3)KHAN Jehangir
4)LING Rong

(57) Abstract :
1 23123A compound of formula (I) wherein: M is hydrogen or a pharmaceutically acceptable salt forming cation; Y is ORor NRR and R R R and M are as defined herein. Also methods of treating bacterial infection pharmaceutical compositions molecular complexes and processes for preparing compounds.



(I)

No. of Pages : 362 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015
(21) Application No.1604/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CROSS PLATFORM MODULE THAT IS SHARED BY CLIENT APPLICATIONS FOR ACCESS TO RICH COMMUNICATIONS SUITE RESOURCES ON A CLIENT DEVICE

(51) International classification :H04L29/06,H04W4/20
(31) Priority Document No :61/758136
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013236
Filing Date :27/01/2014
(87) International Publication No :WO 2014/120622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SETH Ritesh
2)MECHERI GOVINDARAJAN Srinivasan
3)RUDRAPRASAD Chanchal

(57) Abstract :
In an embodiment a client device running a particular OS or OS version is provisioned with a rich communications suite (RCS) interface. The RCS interface mediates interactions between RCS client applications and RCS resources. The RCS interface interacts with the plurality of RCS client applications in a platform independent manner using an RCS protocol and the RCS interacts with the RCS resource in an OS specific manner using an OS specific RCS access protocol. The RCS interface translates application originated RCS signaling that complies with the RCS protocol into the OS specific RCS access protocol for delivery to the RCS resources and the RCS interface likewise translates application terminated signaling that complies with the OS specific RCS access protocol into the RCS access protocol for delivery to one of the RCS client applications.

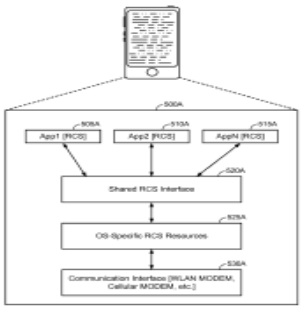

FIG. 5A

No. of Pages : 53 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2015
(21) Application No.1514/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONNECTOR FOR COMBINED FASTENING DEVICE

(51) International classification :F16B2/20,F16B2/22
(31) Priority Document No :201310007688.1
(32) Priority Date :06/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/085834
Filing Date :24/10/2013
(87) International Publication No :WO 2014/106404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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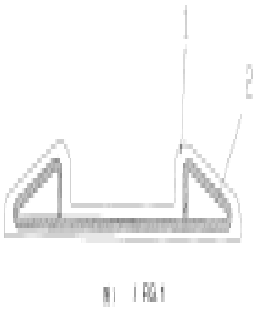
(72)**Name of Inventor :**
1)LUO Enhao

(57) Abstract :
Disclosed is a connector for a combined fastening device wherein the connector is divided into an inner layer and an outer layer. The inner layer is a helical multi layer body formed by a metal wire and is processed into a shape with a flange at both sides and being flat in the middle; and the outer layer is made of a nonmetallic elastic or soft material cladded on the outside of the inner layer and filled into gaps of the inner layer. The connector is applicable to a combined part made of a hard nonmetallic material which combined part has a groove on the outside of the junction thereof and two combined parts are combined fastened and connected by the mutual snap fit of the flanges and the grooves of the combined parts. The connector is easy to assemble and remove leads to tight fastening and has a light weight and low production cost.



No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1605/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CATALYST

(51) International classification :C07F17/00,C07F7/08,C08F10/06
(31) Priority Document No :12199251.5
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077344
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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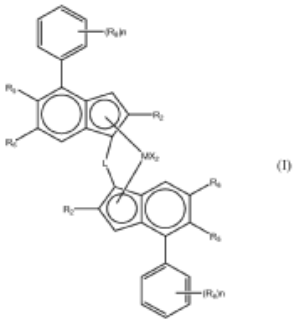
2)VIRKKUNEN Ville
3)IZMER Vyatcheslav
4)KONONOVICH Dmitry
5)VOSKOBOYNIKOV Alexander
6)RESCONI Luigi

(57) Abstract :
222222222568A catalyst in solid particulate form free from an external carrier material comprising a complex of formula (I) wherein M is zirconium or hafnium; each X is a sigma ligand; L is a divalent bridge selected from R C R C CR R Si R Si SiR R Ge wherein each R is independently a hydrogen atom C1 C20 alkyl tri(C1 C20 alkyl)silyl C6 C20 aryl C7 C20 arylalkyl or C7 C20 alkylaryl; each R is independently hydrogen or a C1 C20 hydrocarbyl radical provided that at least one R is not hydrogen; each R is independently hydrogen or a C1 20 hydrocarbyl group optionally containing one or more heteroatoms from groups 14 16; each R is independently hydrogen or a C1 20 hydrocarbyl group optionally containing one or more heteroatoms from groups 14 16; each n is independently 1 2 or 3; each R is a C1 20 hydrocarbyl group and (ii) a cocatalyst comprising a compound of a group 13 metal e.g. Al or boron.



No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015
(21) Application No.1606/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELECTIVELY PATCHING ERASURES IN CIRCIUT SWITCHED CALLS WHOSE FRAME ERASURE RATE RISES ABOVE A THRESHOLD BY ESTABLISHING AND SYNCHRONIZING A VOIP STREAM

(51) International classification :H04L1/20,H04B7/02,H04L1/02
(31) Priority Document No :61/748486
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010234
Filing Date :03/01/2014
(87) International Publication No :WO 2014/107612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LINDNER Mark

(57) Abstract :
The disclosure is related to selectively patching frame erasures in a first stream. A receiver receives the first stream receives a second stream corresponding to the first stream detects a missing frame in the first stream and attempts to replace the missing frame in the first stream with a corresponding frame from the second stream.

FIG. 7

No. of Pages : 51 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1607/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR AMELIORATING PERIPHERAL EDGE DAMAGE IN MAGNETORESISTIVE TUNNEL JUNCTION (MTJ) DEVICE FERROMAGNETIC LAYERS

(51) International classification :G11C11/15,H01L43/08,H01L43/12
(31) Priority Document No :13/749731
(32) Priority Date :25/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012602
Filing Date :22/01/2014
(87) International Publication No :WO 2014/116742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ZHU Xiaochun
2)LI Xia
3)KANG Seung H.

(57) Abstract :
An in process magnetic layer (460 462) having an in process area dimension (DR1) is formed with a chemically damaged region at a periphery. At least a portion of the chemically damaged region is transformed to a chemically modified peripheral portion that is non ferromagnetic (4604 4624). Optionally the transforming is by oxidation nitridation or fluorination or combinations of the same.

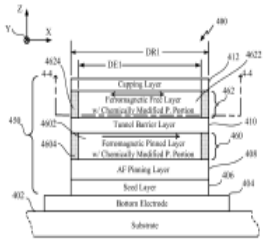


FIG. 4A

No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015

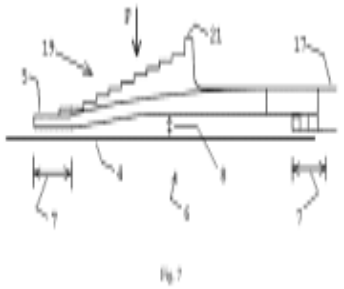
(21) Application No.1446/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CREDIT CARD HOLDER WITH IMPROVED CARD EJECTOR / DISPENSER

(51) International classification :A45C11/18
(31) Priority Document No :2009993
(32) Priority Date :17/12/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050909
Filing Date :17/12/2013
(87) International Publication No :WO 2014/098580
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VAN GEER Ren Johan
Address of Applicant :Haagweg 163 NL 2281 AJ Rijswijk Netherlands
(72)**Name of Inventor :**
1)VAN GEER Ren Johan

(57) Abstract :
A holder for cards comprising a housing (1) which tightly fits around a stack of at least three cards (2) and has at least one card opening (3) for locating and removing cards while opposite the card opening (3) within the housing a card eject feature is provided such that the cards through the card opening (3) can be partly slid from the housing which card eject feature is designed to move within the housing between a first and a second position and during said movement forces the cards to partly exit the housing. The holder has a feature to avoid jamming of the card eject feature while engaging the cards stack and forcing them to exit the housing preferably allows the jamming element to deflect e.g. since the jamming element keeps a sufficient gap.



No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1533/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A TABLET COMPOSITION FOR AN AUTOMATIC SHUT OFF MECHANISM

(51) International classification :C02F1/68,B01F1/00,C02F1/00
(31) Priority Document No :12198359.7
(32) Priority Date :20/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075370
Filing Date :03/12/2013
(87) International Publication No :WO 2014/095344
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)DAVE Parthiv Ripudaman
2)NALAWADE ShrikantPopat

(57) Abstract :
The present invention relates to a tablet composition for an automatic shut off mechanism for use in a water purification device and a process for preparing the tablet composition. The present inventors have developed a tablet composition for an automatic shut off mechanism with any type of water purification device having various means to provide microbiological purity. It has been found that the tablet composition provides for dissolution of the tablet after predetermined amount of water has passed through the purifier and can be manipulated to a range of 500 to 10000 litres and provides a flow rate of purified water from 50 to 300 ml/minute. It has been further found that the tablet composition of the present invention is non corrosive and can be effectively used with any auto shut off mechanism including a magnetic auto shut off mechanism. Yet another advantage of the tablet composition of the present invention is that it provides as an end of life indicator for any consumable component used in the water purification device.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1535/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MAGNETICALLY LOADED COMPOSITE ROTOR AND METHODS OF MAKING THE SAME

(51) International classification :H02K15/03,H02K7/02,H02K1/27
(31) Priority Document No :1223001.7
(32) Priority Date :20/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053282
Filing Date :13/12/2013
(87) International Publication No :WO 2014/096787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :P.O. box 55 Ipsley House Ipsley Church Lane Redditch Worcestershire B98 0TL U.K.
(72)**Name of Inventor :**
1)Tarrant Colin David

(57) Abstract :
A magnetically loaded composite rotor is formed by providing a mandrel (1) having a longitudinal axis (2). A release agent (3) is coated on the mandrel and a fibre material (4) of woven or non woven material having fibres extending in the direction of the axis (2) is applied over the release agent. A thermoplastic resin impregnated tow (24) including magnetic particles (28) is wound over the fibre material (4) the fibre material substantially preventing the magnetic particles penetrating through to the mandrel.

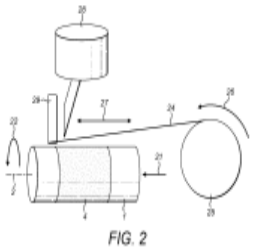

FIG. 2

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1621/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STATIC RANDOM ACCESS MEMORIES (SRAM) WITH READ PREFERRED CELL STRUCTURES WRITE DRIVERS RELATED SYSTEMS AND METHODS

(51) International classification :G11C11/412,G11C11/417
(31) Priority Document No :61/757044
(32) Priority Date :25/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012474
Filing Date :22/01/2014
(87) International Publication No :WO 2014/116655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JUNG Seong Ook
2)YANG Younghwi
3)YANG Bin
4)WANG Zhongze
5)YEAP Choh fei

(57) Abstract :
Static random access memories (SRAM) with read preferred cell structures and write drivers are disclosed. In one embodiment the SRAM has a six transistor bit cell. The read preferred bit cell is implemented by providing two inverters each having a pull up transistor a pull down transistor and a pass gate transistor. Each pull up transistor is associated with a feedback loop. The feedback loop improves random static noise margin. Each transistor has a width and a length. The lengths of the pass gate transistors are increased. The widths of the pull down transistors are equal to one another and also equal to the widths of the pass gate transistors. The widths of the pass gate and pull down transistors may also be increased relative to prior designs. A write assist circuit may also be used to improve performance.

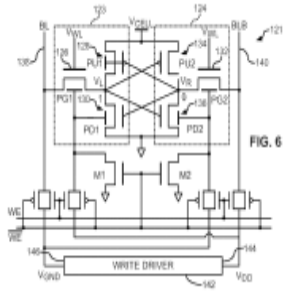

FIG. 6

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015
(21) Application No.1449/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MICROVALVE

(51) International classification :F16K99/00
(31) Priority Document No :1221885.5
(32) Priority Date :05/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053206
Filing Date :04/12/2013
(87) International Publication No :WO 2014/087160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTELLIGENT ENERGY LIMITED
Address of Applicant :Charnwood Building Holywell Park Ashby Road Loughborough Leicestershire LE11 3GB U.K.
(72)**Name of Inventor :**
1)OSTADI Hossein
2)ADCOCK Paul Leonard
3)KIRK Christopher James
4)ELLIOTT Zachary

(57) Abstract :
A microvalve assembly (30) is integrated into a printed circuit board (PCB) substrate (31). An aperture (32) in the PCB substrate includes a closure member (33) extending into the aperture. A flexible fluid pipe (38) is disposed between the closure member and a closure edge (37) of the aperture. A displacement member (34) is coupled to the PCB and is configured for thermal actuation to displace the closure member so as to vary the cross sectional profile of the flexible fluid pipe. The closure member may be a cantilever section of the PCB substrate. Displacement of the closure member to vary the cross sectional profile of the flexible fluid pipe can occur entirely within the plane of the PCB substrate and movement of the displacement member to displace the closure member can also occur entirely within the plane of the PCB substrate providing a very low profile of microvalve particularly suited for integration into a fuel cell stack (1).

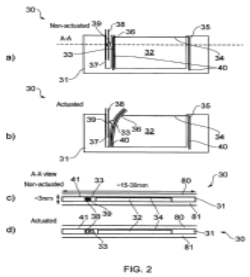

FIG. 2

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1538/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH PRESSURE HOMOGENIZER

(51) International classification :F04B9/10,F04B11/00,B01F5/04
(31) Priority Document No :PR2012A000089
(32) Priority Date :21/12/2012
(33) Name of priority country :Italy
(86) International Application No:PCT/IB2013/060873
Filing Date :12/12/2013
(87) International Publication No :WO 2014/097075
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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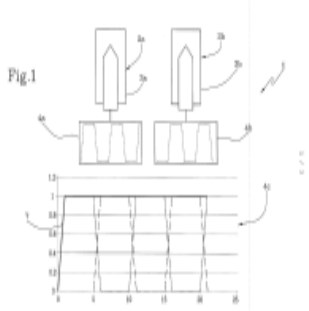
Address of Applicant :Via Angelo Maria da Erba Edoari 29 I 43123 Parma Italy
(72)**Name of Inventor :**
1)BENASSI Massimiliano
2)BOTTIONI Michele

(57) Abstract :
A high pressure homogenizer comprising: a plurality of pumping pistons (2a 2b) for feeding a liquid to be homogenized toward a manifold (6) each piston being associated with a respective oil hydraulic cylinder; a homogenizing valve positioned downstream of said pumping pistons (2a 2b); and an electronic system (5) for controlling and regulating said pumping pistons (2a 2b) which controls the law of motion of each individual piston (2a 2b) independently. Said electronic regulation system (5) is connected to a transducer placed on the manifold (6) to regulate the delivery of oil to the individual cylinders (3a 3b) according to the pressure sensed in the manifold (6) of the liquid to be homogenized pumped by said pistons (2a 2b) in order to maintain a stable flow rate and pressure.



No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

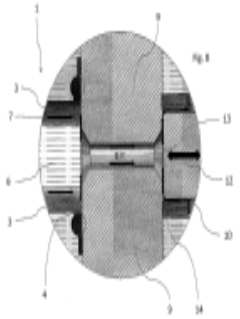
(21) Application No.1539/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HOMOGENISING PROCESS AND APPARATUS WITH FLOW REVERSAL

(51) International classification :B01F5/06
(31) Priority Document No :PR2012A000090
(32) Priority Date :21/12/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/061179
Filing Date :20/12/2013
(87) International Publication No :WO 2014/097234
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GEA MECHANICAL EQUIPMENT ITALIA S.P.A.
Address of Applicant :Via Angelo Maria da Erba Edoari 29 I 43123 Parma Italy
(72)**Name of Inventor :**
1)RICCI Alfredo

(57) Abstract :
A homogenizing apparatus (1) comprising: an inlet (2) for receiving a pressurized fluid possibly also containing solid particles; a zone wherein homogenization of the fluid takes place; an outlet (10) for the fluid at a lower pressure with respect to the inlet pressure wherein in the homogenization zone the fluid passes from a zone having a larger diameter (or volume) to a zone having a smaller diameter (or volume) the homogenization zone comprising an interacting element (9) shared by a first stage (equipped with a first deflector plug (6)) and a second stage suitable for creating back pressure (equipped with a second deflector plug (12)) where the deflector plugs (6 and 12) operate with the interacting element (9) they share generating an increase in the shear rate within the first stage. The invention also concerns a homogenization process.



No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1628/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : P16INK4A DERIVED PEPTIDES FOR PROPHYLAXIS AND THERAPY OF HPV ASSOCIATED TUMORS AND OTHER P16 EXPRESSING TUMORS

(51) International classification :A61K38/00,C07K14/435
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/005155
Filing Date :13/12/2012
(87) International Publication No :WO 2014/090266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Ruprecht Karls Universitt Heidelberg Grabengasse 1 69117 Heidelberg Germany
(72)**Name of Inventor :**
1)KLOOR Matthias
2)REUSCHENBACH Miriam
3)VON KNEBEL DOEBERITZ Magnus

(57) Abstract :
INK4aDescribed are particular fragments of the cyclin dependent kinase inhibitor p16 capable of increasing IFN secretion of T cells or inducing proliferation of T cells and the use of said fragments for immunizing an individual against HPV associated or other p16 expressing carcinomas preferably advanced carcinomas.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1526/MUMNP/2015 A
(43) Publication Date : 27/05/2016

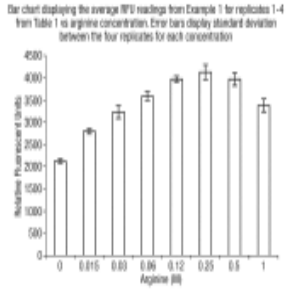
(54) Title of the invention : ENZYME TREATMENT COMPOSITION

(51) International classification :C11D3/33,C11D3/386,C11D7/32
(31) Priority Document No :12198575.8
(32) Priority Date :20/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/076516
Filing Date :13/12/2013
(87) International Publication No :WO 2014/095618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)GUNGABISSOON Ravine Anthony

(57) Abstract :
An enzymatic treatment composition comprising the combination of: (iii) one or more enzymes; and (iv) one or more arginine compounds.

Fig. 1



No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1527/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAIN REMOVAL COMPOSITIONS

(51) International classification :C11D3/33
(31) Priority Document No :12198568.3
(32) Priority Date :20/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/076514
Filing Date :13/12/2013
(87) International Publication No :WO 2014/095617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
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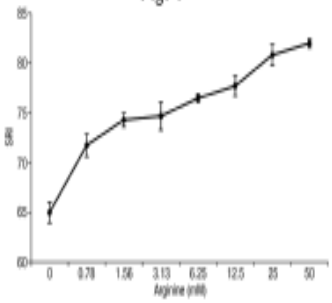
(72)**Name of Inventor :**
1)GUNGABISSOON Ravine Anthony

(57) Abstract :
A fabric stain removal composition comprising an arginine compound and a surfactant.

Fig. 1



No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2015

(21) Application No.1617/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORTHOPAEDIC DEVICE FOR A LOWER LIMB OF A HUMAN FOOTWEAR AND PROSTHESIS PROVIDED WITH SUCH A DEVICE

(51) International classification :A61F5/01
(31) Priority Document No :12.62103
(32) Priority Date :14/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053073
Filing Date :13/12/2013
(87) International Publication No :WO 2014/091171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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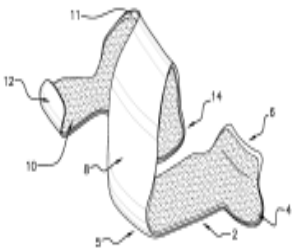
(72)**Name of Inventor :**
1)CAUSS‰ Beno®t

(57) Abstract :
The invention relates to an orthopaedic device for a lower limb of a human including: a front segment (2) suitable for receiving the sole of a forepart; and a rear segment (10) suitable for receiving the lower surface of the heel characterised in that: the front segment and the rear segment consist of two separate parts the front segment and the rear segment are connected by at least one resilient upper arch (8) which extends above the front segment and the rear segment providing a recess for receiving the foot and is suitable for maintaining the front segment and the rear segment in an inoperative position such as to enable a relative movement of the front segment and the rear segment relative to one another from the inoperative position and to resiliently return said segments to the inoperative position thereof.

Fig 1



No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1618/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR DISTRIBUTION OF ELECTRICAL ENERGY

(51) International classification :B60L11/18,H02J3/38
(31) Priority Document No :12513735
(32) Priority Date :04/12/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051435
Filing Date :03/12/2013
(87) International Publication No :WO 2014/088499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM BAE SYSTEMS H„GGLUNDS AKTIEBOLAG
Address of Applicant :S 891 82 –rnskldsvik Sweden
(72)**Name of Inventor :**
1)NORDLANDER Per …ke

(57) Abstract :
The invention relates to a method for distribution of electrical energy in a system comprising power units (230a; 230b; 230c; 230d; 230e) for production and consumption of said electrical energy comprising a control unit (210; 220) for said distribution. The method comprises the steps of: automatically identifying (s420) power units (230a; 230b; 230c; 230d; 230e) of the system; and automatically configuring (s430) said control unit (210; 220) for controlling (s440) of said distribution on the basis of the thus identified power units (230a; 230b; 230c; 230d; 230e) of the system. The invention also relates to a computer program product comprising program code (P) for a computer (210; 220; 500) for implementing a method according to the invention. The invention also relates to a device and a motor vehicle (100) which is equipped with the device.

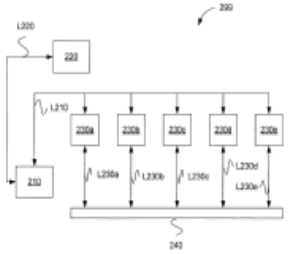


Fig. 2

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1619/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICES AND METHODS FOR GENERATING A 3D IMAGING DATASET OF AN OBJECT

(51) International classification :G03B15/00,F16M11/04
(31) Priority Document No :61/732361
(32) Priority Date :02/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050990
Filing Date :02/12/2013
(87) International Publication No :WO 2014/083568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEGOMA LTD.
Address of Applicant :10 HaSadnaot Street 4th Floor 4672837 Herzlia Israel
(72)**Name of Inventor :**
1)YAHAV Litan
2)SALVI Tomer
3)KAPELUSHNIK Gilad

(57) Abstract :
A computerized imaging system and method for creating a 3D imaging dataset of an object are disclosed. The computerized imaging system includes an object stage mounted on a system base plate the object stage is configured to rotate 360 degrees around its axis perpendicular to the base plate plane. The computerized imaging system includes an elongated elevation arm positioned alongside the object stage wherein the elongated elevation arm having an image sensor at least one lens and a mirror mounted thereon and wherein the optical axis of the image sensor is parallel to the elongated elevation arm elevation axis. The image sensor is used to capture a plurality of images of the object in a plurality of rotation and elevation angles of the object stage and elongated elevation arm.

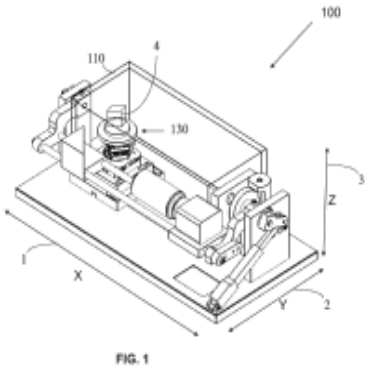


FIG. 1

No. of Pages : 33 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.1541/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRIAZOLONE COMPOUNDS AND USES THEREOF

(51) International classification :C07D249/12,C07D401/06,A61K31/4196
(31) Priority Document No :61/739906
(32) Priority Date :20/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074197
Filing Date :10/12/2013
(87) International Publication No :WO 2014/099503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INCEPTION 2 INC.
Address of Applicant :5871 Oberlin Drive Suite 100 San Diego CA 92121 U.S.A.
(72)**Name of Inventor :**
1)STOCK Nicholas Simon
2)CHEN Austin Chih yu
3)BRAVO Yalda Mostofi
4)JACINTHO Jason Duarte
5)BACCEI Jill Melissa
6)STEARNS Brian Andrew
7)CLARK Ryan Christopher

(57) Abstract :
The invention disclosed herein is directed to compounds of Formula I [Formula should be inserted here] and pharmaceutically acceptable salts thereof which are useful in the treatment of prostate breast colon pancreatic human chronic lymphocytic leukemia melanoma and other cancers. The invention also comprises pharmaceutical compositions comprising a therapeutically effective amount of compound of Formula I or a pharmaceutically acceptable salt thereof. The invention disclosed herein is also directed to methods of treating prostate breast ovarian liver kidney colon pancreatic human chronic lymphocytic leukemia melanoma and other cancers. The invention disclosed herein is further directed to methods of treating prostate breast colon pancreatic chronic lymphocytic leukemia melanoma and other cancers comprising administration of a therapeutically effective amount of a selective PPARa antagonist. The compounds and pharmaceutical compositions of the invention are also useful in the treatment of viral infections such as HCV infections and HIV infections.

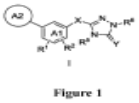
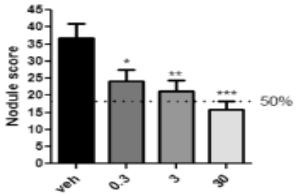


Figure 1



No. of Pages : 87 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1630/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CATALYST FOR DISCHARGE GAS PURIFICATION

(51) International classification :B01J23/68,B01D53/94,F01N3/10
(31) Priority Document No :2012259002
(32) Priority Date :27/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/065799
Filing Date :07/06/2013
(87) International Publication No :WO 2014/083869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUI MINING & SMELTING CO. LTD.
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(72)**Name of Inventor :**
1)TAKAHASHI Susumu
2)WATANABE Hiromu
3)SENOO Yuichi
4)SUGIOKA Akiko

(57) Abstract :
x5A catalyst for discharge gas purification which includes a composite oxide that is represented by LaMnO (x=2) and contains Ag.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015
(21) Application No.1631/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SIDE FLEXING CONVEYORS

(51) International classification :B65G17/08
(31) Priority Document No :3396/MUM/2012
(32) Priority Date :29/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/US2013/072377
Filing Date :27/11/2013
(87) International Publication No :WO 2014/085688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHARMA Apaar
2)CHOUGULE Shivakumar

(57) Abstract :
A conveyor including a side flexing belt having a plurality of modules and a plurality of rods. Each module includes a central portion having a main region extending in a straight path a plurality of front links each including a front aperture a plurality of rear links each including a rear aperture a plurality of front gaps between adjacent pairs of front links and a plurality of rear gaps between adjacent pairs of rear links. A length of each front gap is substantially the same along substantially the entire thickness of an adjacent front link and a length of each rear gap is substantially the same along the entire thickness of an adjacent rear link.

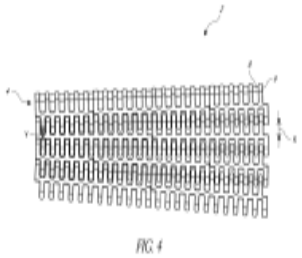


FIG 4

No. of Pages : 61 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1632/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILLING LEVEL DETERMINATION USING TRANSMIT SIGNALS WITH DIFFERENT FREQUENCY STEPS

(51) International classification :G01F23/284
(31) Priority Document No :13/788738
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054235
Filing Date :05/03/2014
(87) International Publication No :WO 2014/135575
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT TANK RADAR AB
Address of Applicant :P.O. Box 13045 S 402 51 Gteborg Sweden
(72)**Name of Inventor :**
1)KLEMAN Mikael

(57) Abstract :
A method of determining a filling level comprising transmitting a first transmit signal exhibiting a first ratio between bandwidth number of frequencies; receiving a first reflection signal; mixing the first transmit signal and the first reflection signal to form a first intermediate frequency signal; and determining a first data set indicative of a first set of surface echo candidates based on the first intermediate frequency signal. The method further comprises transmitting a second transmit signal exhibiting a second ratio between bandwidth and number of frequencies being different from the first ratio; receiving a second reflection signal; mixing the second transmit signal and the second reflection signal to form a second intermediate frequency signal; and determining a second data set indicative of a second set of surface echo candidates based on the second intermediate frequency signal. The filling level determined based on subsets of the first and second sets.

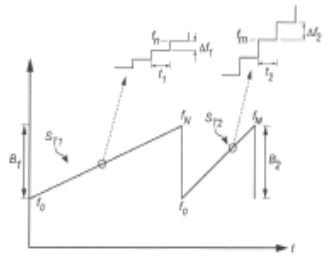


Fig. 5

No. of Pages : 28 No. of Claims : 14

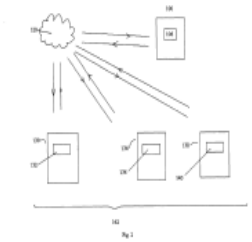
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2015
(21) Application No.1543/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DISTRIBUTING POWER TO ELECTRICAL VEHICLES

(51) International classification :B60L11/18
(31) Priority Document No :12513073
(32) Priority Date :19/11/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051348
Filing Date :18/11/2013
(87) International Publication No :WO 2014/077774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIROS POWER SOLUTION AB
Address of Applicant :Box 9124 S 200 39 Malm Sweden
(72)**Name of Inventor :**
1)JOHANSSON Roland

(57) Abstract :
The present invention relates to a cloud server adapted for controlling a group of one or more electric distribution appliances where each electric distribution appliance of said group is adapted for distributing electric power from a mains power source to a mobile device such as an electric vehicle. The invention also relates to a system for distributing power from a mains power source to one or more mobile devices such as electric vehicles said system comprising a) a group consisting of one or more electric distribution appliances; and b) a cloud server. Finally the invention provides a method for distributing power in said system.



No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2015
(21) Application No.1544/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING POWER SUPPLY OF NETWORK DEVICE AND NETWORK DEVICE

(51) International classification :H04L12/70
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/071842
Filing Date :25/02/2013
(87) International Publication No :WO 2014/127544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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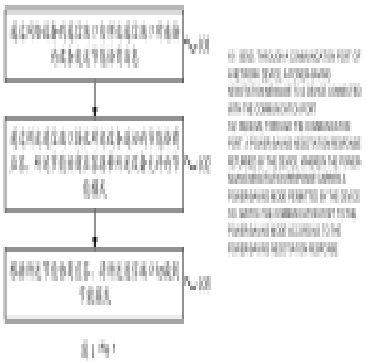
(72)**Name of Inventor :**
1)DONG Qi
2)ZHANG Yongsheng
3)SONG Duanzhi
4)WANG Yong

(57) Abstract :
Embodiments of the present invention provide a method and an apparatus for controlling power supply of a network device and a network device. The method comprises: sending through a communication port a power saving negotiation message to a device connected with the communication port; receiving through the communication port a power saving negotiation response returned by the device wherein the power saving negotiation response carries a power saving mode permitted by the device; and switching the communication port to the power saving mode according to the power saving negotiation response. The method and apparatus for controlling power supply of a network device and the network device provided by the embodiments of the present invention can solve the technical problem in the prior art that the network device does not save power; therefore refined power saving can be achieved by using the communication port as a unit.



No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015
(21) Application No.1634/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR BOOSTING TRANSMISSION SETTINGS BASED ON SIGNAL TO INTERFERENCE AND NOISE RATIO

(51) International classification :H04B7/04,H04B7/06,H04L1/00
(31) Priority Document No :13/754823
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013202
Filing Date :27/01/2014
(87) International Publication No :WO 2014/120609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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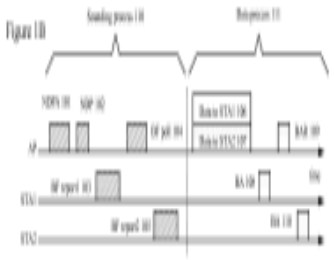
(72)**Name of Inventor :**
1)DU Shu
2)JIA Zhanfeng
3)ZHANG Ning
4)GAO Qinghai

(57) Abstract :
A method of performing transmission from an access point (AP) in a wireless communication system provides transmission setting adjustment after sounding. In this method stations associated with the AP and having transmission data can be identified. Transmission to those stations can be performed using a predetermined transmission setting. For a first transmission after a sounding the predetermined transmission setting can be boosted. For any transmission other than the first transmission after the sounding a current or adjusted transmission setting can be used based on a detected PER during transmission. An adjusted transmission setting can be an MCS rate a user level (SU BF 2U MIMO or 3U MIMO) or aggregated MAC protocol data unit (AMPDU) aggregation level. A single transmission setting or a combination of settings can be used. The method can be used with any transmission setting(s) including those mapped from the Signal to Interference and Noise Ratio (SINR).



No. of Pages : 31 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1635/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PRODUCTION OF AN ALKYL METHACRYLATE

(51) International classification :C07C67/42,C12P7/62
(31) Priority Document No :1223271.6
(32) Priority Date :21/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053385
Filing Date :20/12/2013
(87) International Publication No :WO 2014/096850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EASTHAM Graham Ronald
2)JOHNSON David William
3)FRAAIJE Marco Wilhelmus
4)WINTER Remko Tsjibbe

(57) Abstract :
A process for the production of an alkyl methacrylate particularly methyl methacrylate is provided in which a Baeyer Villiger Monooxygenase enzyme is used to convert an alkylisopropenylketone substrate to the relevant alkyl methacrylate by abnormal asymmetric oxygen insertion. The invention provides a biobased route to key industrial monomers in particular for the generation of polymers such as poly methyl methacrylate.

No. of Pages : 40 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1551/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER USING BACTERIA

(51) International classification :A61K35/74,A61P35/00,A61P35/04
(31) Priority Document No :61/748369
(32) Priority Date :02/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077441
Filing Date :23/12/2013
(87) International Publication No :WO 2014/107365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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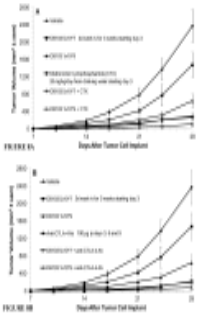
Address of Applicant :PMB 482 3830 Valley Centre Dr. Ste 705 San Diego CA 92130 U.S.A.
(72)**Name of Inventor :**
1)NEWMAN Michael J.

(57) Abstract :
Provided herein are compositions comprising substantially non viable Gram negative bacterial organisms that have a substantial reduction in endotoxin activity and/or pyrogenicity and methods for treating a cancer using the same. Also provided are methods for treating cancer provided herein comprising administering to a mammal diagnosed with cancer substantially non viable Gram negative bacteria having a substantial reduction in endotoxin activity and/or pyrogenicity in an amount sufficient to inhibit growth or metastasis of the cancer. An additional method is provided comprising administering viable or non viable Gram negative bacterial organisms that have a genetic defect that results in a substantial loss of lipopolysaccharide within the outer membrane of the bacteria. Further provided are methods for reducing endotoxin activity and/or pyrogenicity in Gram negative bacteria comprising treatment with polymyxin and glutaraldehyde.



No. of Pages : 46 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1552/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BLOCKINESS METRIC FOR LARGE HEVC BLOCK ARTIFACTS

(51) International classification	:H04N19/117,H04N19/14,H04N19/176
(31) Priority Document No	:61/750737
(32) Priority Date	:09/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/010846 :09/01/2014
(87) International Publication No	:WO 2014/110240
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN DER AUWERA Geert
2)KARCZEWICZ Marta

(57) Abstract :
In one example a method for encoding video data includes determining a first value for a line of a first plurality of lines wherein the first plurality of lines are perpendicular to a first edge of a block of the video data; in response to determining that the value satisfies at least one threshold: determining a second value for the line of the first plurality of lines; and determining a second value for a line of a second plurality of lines wherein the second plurality of lines are perpendicular to a second edge of the block of video data; determining based on the second value for the line of the first plurality of lines and the second value for the line of the second plurality of lines an average value; and determining based on the average value whether or not to encode one or more deblocking parameter offsets.

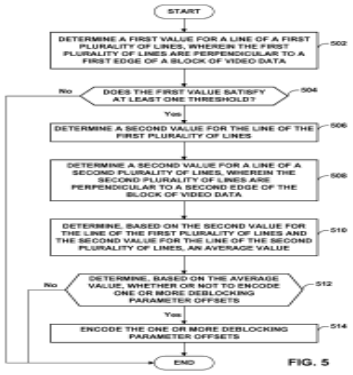

FIG. 5

No. of Pages : 74 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1641/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBODIES THAT BIND TO TL1A AND THEIR USES

(51) International classification :A61P37/00,A61K39/395,C07K16/28
(31) Priority Document No :61/748201
(32) Priority Date :02/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/077898
Filing Date :23/12/2013
(87) International Publication No :WO 2014/106602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ATTINGER Antoine
2)BACK Jonathan Albert
3)BLEIN Stanislas
4)LISSILAA Rami
5)SKEGRO Darko

(57) Abstract :
The present invention relates to antibodies or fragments thereof that bind to TL1A. More specifically the present invention relates to an antibody or fragment thereof that binds to TL1Acomprising a heavy chain CDR1comprising the amino acid sequence of SEQ ID NO: 1 and/or a heavy chain CDR2 comprising the amino acid sequence of SEQ ID NO: 52 5 and/or a heavy chain CDR3 comprising the amino acid sequence of SEQ ID NO: 53; and/or comprising a light chain CDR1comprising the amino acid sequence of SEQ ID NO: 54 and/or a light chain CDR2 comprising the amino acid sequence of SEQ ID NO: 55and/or a light chain CDR3 comprising the amino acid sequence of SEQ ID NO: 56.

No. of Pages : 180 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015
(21) Application No.1642/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CEMENT FORMING COMPOSITIONS MONETITE CEMENTS IMPLANTS AND METHODS FOR CORRECTING BONE DEFECTS

(51) International classification :A61L27/12
(31) Priority Document No :61/737355
(32) Priority Date :14/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/061002
Filing Date :16/12/2013
(87) International Publication No :WO 2014/091469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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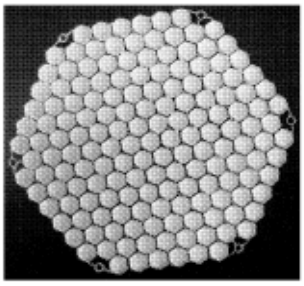
Address of Applicant :Virdings All 2 SE 754 50 Uppsala Sweden
(72)**Name of Inventor :**
1)…BERG Jonas
2)ENGSTRAND Thomas
3)ENGQVIST Hkan

(57) Abstract :
A calcium phosphate monetite cement forming composition comprises a monetite forming calcium based precursor powder and from 3 to 30 wt % based on the weight of the precursor powder of dicalcium pyrophosphate powder. Monetite cements formed form such compositions may be used in implants for correcting bone defects. Methods for bone defect repair employ implants formed from such monetite cements and slow implant resorption and/or improve in vivo bone induction in a patient.

FIG. 1



No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015
(21) Application No.1636/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TDD RECONFIGURATION WITH CONSIDERATION OF DTX/DRX

(51) International classification :H04W72/04
(31) Priority Document No :PCT/CN2013/071076
(32) Priority Date :29/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/071550
Filing Date :27/01/2014
(87) International Publication No :WO 2014/117709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HOU Jilei
4)WANG Neng

(57) Abstract :
Methods systems and devices are described for discontinuous transmission and/or discontinuous reception in time division duplex (TDD) systems that may have data transmission formats dynamically reconfigured. An initial uplink downlink (UL DL) configuration for TDD communication between an eNB and user equipment (UE) may be established. This initial UL DL configuration may be reconfigured to a different UL DL configuration for one or more UEs in communication with the eNB. When a UE switches to discontinuous reception (DRX) mode it may monitor control information from the eNB during DRX on periods a frequency of the DRX on periods based on a reference UL DL configuration irrespective of any reconfiguration of UL DL configuration for a particular UE. In some aspects a UE that is operating in a UL DL reconfiguration mode may upon entering DRX mode autonomously discontinue operating in the UL DL reconfiguration mode.

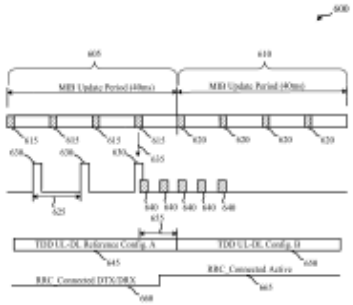

FIG. 6

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1637/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SUNSCREEN COMPOSITION COMPRISING FATTY ACID AND NON IONIC LINEAR POLYMER

(51) International classification :A61K8/36,A61K8/73,A61Q17/04
(31) Priority Document No :12199401.6
(32) Priority Date :27/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075836
Filing Date :06/12/2013
(87) International Publication No :WO 2014/102050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)KUNJUPILLAI Balu
2)PERUMAL Raikumar
3)RASTOGI Abhishek

(57) Abstract :
The present invention relates to a sunscreen composition that provides high effective sun protection. The inventive composition comprises sunscreen actives classes of polymers satisfying specific criteria in a fatty acid comprising cosmetic base. Disclosed is a sunscreen composition comprising at the most 12% organic sunscreens comprising: (i) 0.1 to 5% of a UVA sunscreen; (ii) 0.1 to 10% of a UVB sunscreen; (iii) 0.1 to 10% of a non ionic linear polymer having a molecular weight higher than 8000 and HLB value from 7 to 18 selected from the group of polyvinyl alcohol modified cellulose and poly(propylene oxide co ethylene oxide); (iv) 4 to 25 % fatty acid; and (v) 40 to 80% water.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1638/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNTHESIS OF POLYURETHANE POLYMERS VIA COPPER AZIDE ALKYNE CLICK CHEMISTRY FOR COATINGS ADHESIVES SEALANTS AND ELASTOMER APPLICATIONS

(51) International classification	:C08G18/67,C08G18/76,C08G18/28
(31) Priority Document No	:13154589.9
(32) Priority Date	:08/02/2013
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2014/052207 :05/02/2014
(87) International Publication No	:WO 2014/122153
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)MARTIN Ian
3)COWARD Alexander
4)GATRELL Mark
5)BYRNE Michael
6)CULLEN John E.
7)CORMACK Peter

(57) Abstract :
The present application is directed at the reaction product of an azide compound having two or more azide groups attached thereto and an alkyne compound having two or more alkyne groups attached thereto wherein the azide and alkyne groups react in a 1 3 dipolar cyclo addition to form 1 4 disubstituted triazols and wherein the azide or alkyne compound or both comprise O (C=O) NR functional groups. The inventive reaction products are suitable as a replacement for conventional polyurethane based sealing coating and adhesive materials and provide the benefits that the final cross linking reaction proceeds in the absence of isocyanates leading to significantly lower exposition risks than the conventional polyisocyanate based materials. The present application further relates to the use of these reaction products as coatings preferably for flat roofs sealants adhesives and in elastomer applications. Furthermore the present application relates to methods for producing the reaction products as well as substrates comprising a coating of said reaction product.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1558/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RECOMBINANT PROTEIN

(51) International classification	:C07K19/00,C07K14/505,C12N15/62
(31) Priority Document No	:201210551666.7
(32) Priority Date	:18/12/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/089544 :16/12/2013
(87) International Publication No	:WO 2014/094579
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)YANG Shu Ping
3)PENG Hung Chih
4)CHEN Yu Hung

(57) Abstract :
Provided is a recombinant protein comprising erythropoietin and highly glycosylated fragments. The recombinant protein has the bioactivity of erythropoietin and has a relatively long half life. The recombinant protein can also comprise a carboxyl terminal peptide of human chorionic gonadotropin and a carboxyl terminal peptide of thrombopoietin.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1559/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR QUANTIFICATION OF GASES IN PLUMES BY REMOTE SENSING

(51) International classification :G01N21/53,G01N21/31
(31) Priority Document No :13/689406
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071494
Filing Date :22/11/2013
(87) International Publication No :WO 2014/085255
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :7308 Nubbin Ridge Drive Knoxville Tennessee 37919 U.S.A.
(72)**Name of Inventor :**
1)HAGER J. Stewart
2)YEREM Geoffrey

(57) Abstract :
Method and device for quantifying ingredients of a plume. In one embodiment the method includes sweepingly directing a beam of light through the plume to a surface on which the beam of light is scattered acquiring the scattered light scattered from the surface and processing the acquired scattered light to determine an amount of ingredients of the plume. In one embodiment the height of the back of the vehicle is measured as the top of the plume for calculating the total mass per distance of the plume. In another embodiment by comparing the absorption spectrum of the plume and the background absorption spectrum of which no plume exists the non methane hydrocarbons (NMHC) of the plume emitted from a vehicle can be quantified.

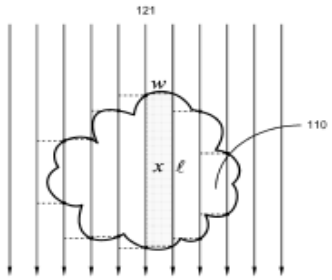

Fig. 1

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015
(21) Application No.1647/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE METHOD AND PROGRAM AND CONTENT SUPPLY SYSTEM

(51) International classification :H04N21/6332,H04H20/42,H04N21/6405
(31) Priority Document No :2013036902
(32) Priority Date :27/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/053596
Filing Date :17/02/2014
(87) International Publication No :WO 2014/132821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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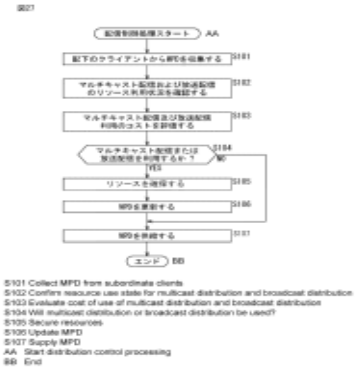
(72)**Name of Inventor :**
1)YAMAGISHI Yasuaki

(57) Abstract :
The present disclosures pertain to: an information processing device method and program that enable the more efficient distribution of content; and a content supply system. In the present invention whether or not to use multicast distribution or broadcast distribution in the supply of content is determined and when it determined to use multicast distribution or broadcast distribution control information pertaining to unicast distribution of the content is updated in a manner so that multicast distribution or broadcast distribution is used in the supply of the content. The present disclosures can for example be used in an information processing device.



No. of Pages : 111 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1648/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLOWMETER PRIMARY ELEMENT WITH SENSORS

(51) International classification :G01F1/32,G01F1/46,G01F1/50
(31) Priority Document No :13/834613
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014567
Filing Date :04/02/2014
(87) International Publication No :WO 2014/149203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HEDTKE Robert Carl
3)WIKLUND David Eugene

(57) Abstract :
A process variable transmitter (12) is configured as a flowmeter for measuring flow of a process fluid through a conduit (18). The transmitter (12) includes a pitot tube (22) extending into the conduit (18) which creates a differential pressure in the process fluid due to flow of the process fluid. An upstream process variable sensor (60L) is mounted on the pitot tube (22) and coupled to the flow of process fluid to sense an upstream process variable of the process fluid. A downstream process variable sensor (60T) is mounted on the pitot tube (22) downstream of the upstream process variable sensor (60L) and coupled to the flow of process fluid to sense a downstream process variable of the process fluid. Measurement circuitry (34) determines the flow of the process fluid based upon the upstream process variable and the downstream process variable.

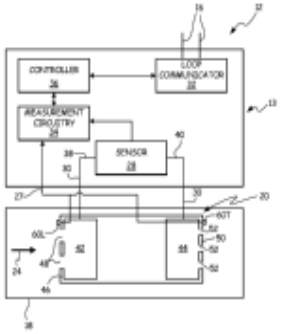

FIG. 2

No. of Pages : 26 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015
(21) Application No.1567/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REFINING OIL FROM TIRE

(51) International classification :C10G1/10
(31) Priority Document No :2012105471577
(32) Priority Date :17/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/075720
Filing Date :16/05/2013
(87) International Publication No :WO 2014/094408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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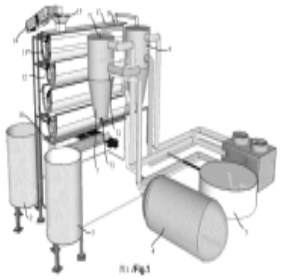
(72)**Name of Inventor :**
1)TSOI Man Po

(57) Abstract :
Disclosed are a method and apparatus for refining oil from a tire. The apparatus comprises a box body (1) an upper transmission channel (11) an upper transmission apparatus (114) a lower transmission channel (12) a lower transmission apparatus a molten salt storage container (3) and a heat conduction oil storage container (2) wherein the upper transmission channel (11) is arranged above the lower transmission channel (12) outer walls of the upper transmission channel (11) and the lower transmission channel (12) are orderly provided with a molten salt liquid channel (112) and a heat conduction oil channel (111) the upper transmission channel (11) comprises an upper transmission channel inlet (115) and an upper transmission channel outlet (116) the upper transmission apparatus (114)is used for transporting an object from the upper transmission channel inlet (115) to the upper transmission channel outlet (116) the lower transmission apparatus is used for transporting an object from a lower transmission channel inlet (126) to a lower transmission channel outlet (125) the heated molten salt liquid passes through the molten salt liquid channel (112) and then flows back to the molten salt storage container (3) the heat conduction oil storage container (2) is used for storing the heated heat conduction oil the heated heat conduction oil passes through the heat conduction oil channel (111) and then flows back to the heat conduction oil storage container (2) and the upper transmission channel (11) the upper transmission apparatus (114) the lower transmission channel (12) the lower transmission apparatus the molten salt storage container (3) and the heat conduction oil storage container (2) are arranged in the box body (1).



No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015
(21) Application No.1568/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUSE TYPE VEHICLE FLOOD LAMP

(51) International classification :F21V5/04,F21Y101/02
(31) Priority Document No :1020120154880
(32) Priority Date :27/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011617
Filing Date :13/12/2013
(87) International Publication No :WO 2014/104629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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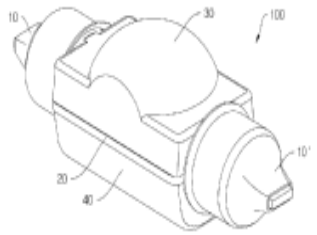
Address of Applicant :57 19 99 gil Hancheon ro Seongbuk gu Seoul 136 833 Republic of Korea
(72)**Name of Inventor :**
1)JANG Young Hwan

(57) Abstract :
The present invention relates to a fuse type vehicle flood lamp including: upper two bases formed at a uniform interval from each other; a substrate part positioned between the upper two bases and provided with an LED; a light projecting part positioned on the upper side of the substrate part and enabling light emitted from the LED to be diffused; and a heat radiation part positioned below the substrate part and enabling heat generated from the substrate part to be discharged to the outside. The light projecting part further has a lens part so as to be capable of diffusing the light therein and the light radiation width of the LED is formed to be 50° to 70°. Accordingly light can be provided throughout the interior of the trunk of a vehicle and overall brightness uniformity can be improved.

[Fig. 2]



No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1665/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUID FLOW PLATE FOR A FUEL CELL

(51) International classification :H01M8/02
(31) Priority Document No :1223451.4
(32) Priority Date :27/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053348
Filing Date :18/12/2013
(87) International Publication No :WO 2014/102535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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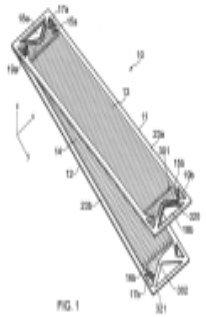
2)ADCOCK Paul Leonard

(57) Abstract :
A fluid flow plate for an electrochemical fuel cell assembly comprises a first plurality of fluid flow channels extending across an area of the flow plate to define a flow field of the fluid flow plate. An array of first fluid transfer points is disposed along an edge of the flow field for communicating fluid into or out of the fluid flow channels. A gallery has a first peripheral edge portion bounded by the array of first fluid transfer points and at least two second peripheral edge portions each bounded by an array of second fluid transfer points disposed along fluid access edges of the fluid flow plate. The at least two second peripheral edge portions are disposed at oblique angles to the first peripheral edge portion such that the total length of the array of second fluid transfer points is at least as long as and preferably longer than the length of the array of first fluid transfer points. Disposing the at least two second peripheral edge portions at oblique angles to the first peripheral edge portion enables the lengths of the second peripheral edge portions of each gallery to be increased compared to the length of the first fluid transfer points (i.e. width of the active flow field area) which optimises fluid distribution into the channels of the flow plate.



No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1561/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RECIPROCATING COMPRESSOR WITH VAPOR INJECTION SYSTEM

(51) International classification :F04B39/08,F04B23/00
(31) Priority Document No :61/738741
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076083
Filing Date :18/12/2013
(87) International Publication No :WO 2014/100156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ELSON John P.
3)WALLIS Frank S.
4)SCHROEDER Brian G.
5)SCHULTZ NAVARA Michael R.
6)BLAKE Adam Michael

(57) Abstract :
A compressor assembly is provided and may include a compression cylinder and a compression piston disposed within the compression cylinder that compresses a vapor disposed within the compression cylinder from a suction pressure to a discharge pressure. The compressor assembly may additionally include a crankshaft that cycles the compression piston within the compression cylinder and an injection port in fluid communication with the compression cylinder that selectively communicates intermediate pressure vapor at a pressure between the suction pressure vapor and the discharge pressure vapor to the compression cylinder. The injection port may communicate the intermediate pressure vapor to the compression cylinder when the compression piston exposes the injection port and may be prevented from communicating the intermediate pressure vapor to the compression cylinder when the compression piston blocks the injection port.

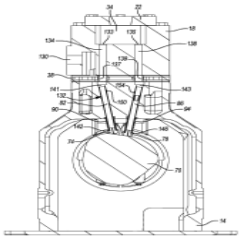

Fig-4

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1653/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR SYSTEM ENGAGEMENT VIA 3D OBJECT DETECTION

(51) International classification :G06F3/0488
(31) Priority Document No :61/761186
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077511
Filing Date :23/12/2013
(87) International Publication No :WO 2014/123637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TON Phuong Lam
2)NELSON Hui ya Liao
3)LI Ren
4)VAN DYKEN Shaun William

(57) Abstract :
Methods and apparatuses are presented for controlling a graphical application on a display device. In some embodiments a method may include detecting that a user is maintaining an object or gesture at a position hovering near the device for a threshold length of time. The method may also include anchoring an initial position of the object or gesture to the device based on the detection of the maintained position and controlling the application using the anchored initial position. In some embodiments controlling the application using the anchored initial position may include manipulating the application (for example by zooming) based on detecting a change in distance of the gesture or object relative to the display and not manipulating the application whenever the object or gesture is detected to move along a plane parallel to the display and within a certain distance tolerance zone to allow for jitter and other small movements.

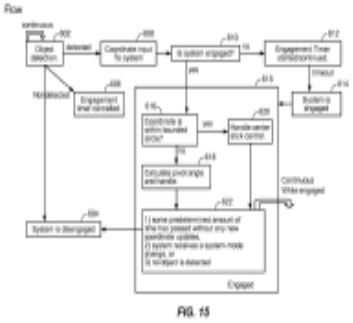

FIG. 15

No. of Pages : 45 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015
(21) Application No.1654/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MUCOSAL APPLICATION AGENT FOR PREVENTING AMELIORATING OR TREATING RETINAL DISEASE

(51) International classification :A61K31/121,A61K9/08,A61P27/02
(31) Priority Document No :2013030380
(32) Priority Date :19/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/053797
Filing Date :18/02/2014
(87) International Publication No :WO 2014/129466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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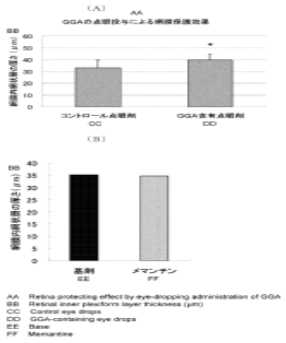
2)TAKAI Yoshihiro
3)MIYANOTakayuki
4)TAKEUCHI Yusuke

(57) Abstract :
Application of a pharmaceutical preparation comprising geranylgeranylacetone to the mucosa of, for example, the eye, nose, oral cavity or pharynx can efficiently prevent, ameliorate or treat retinal diseases such as glaucoma, retinitis pigmentosa, age-related macular degeneration, and diabetic retinopathy.



No. of Pages : 76 No. of Claims : 22

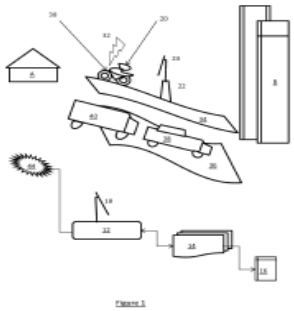
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015
(21) Application No.1655/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR REWARDING COMMUTERS

(51) International classification :G06Q30/00, G07B 15/00
(31) Priority Document No :2012905141
(32) Priority Date :26/11/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/IB2013/060414
Filing Date :26/11/2013
(87) International Publication No :WO 2014/080380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FREEWHEELER PTY LTD.
Address of Applicant :Level 3 45 St Georges Terrace Perth WA 6000 Australia
(72)**Name of Inventor :**
1)FLETCHER Paul
2)FLETCHER Alexander

(57) Abstract :
This invention provides for tracking and rewarding commuters according to their contribution to unclogging roads by opting for alternative transport forms and improving their health and the health of the environment. In particular, the invention relates to commuters who travel under human power to and from their place of work and who sign up as subscribers to a managed system that tracks their travel events, compares data gathered about the event with other events and determines whether or not the event qualifies as a commute, in which case an account of the user is credited. When the accumulated credit in the account reaches a threshold amount, the user qualifies for receiving a reward such as by means of a value token.



No. of Pages : 43 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.1478/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUEL SYSTEM AND COMPONENTS

(51) International classification :F02M31/087
(31) Priority Document No :14/016482
(32) Priority Date :03/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/053096
Filing Date :28/08/2014
(87) International Publication No :WO 2015/034737
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FRANK JASPER PTY LTD
Address of Applicant :3907 Via Cangrejo San Diego CA 92130 U.S.A.
(72)**Name of Inventor :**
1)JASPER Frank Raymond

(57) Abstract :
A fuel system includes an internal combustion engine a fuel device and a heat exchanger. The internal combustion engine receives an air/fuel mixture and produces heated exhaust air. The fuel device receives fresh air and provides the air/fuel mixture that is received by the internal combustion engine. The heat exchanger receives the heated exhaust air from the internal combustion engine and fresh cool air transfers heat energy from the heated exhaust air to the fresh cool air and provides the fresh air to the fuel device. The provided fresh air is the fresh cool air that has received the heat energy.

No. of Pages : 26 No. of Claims : 21

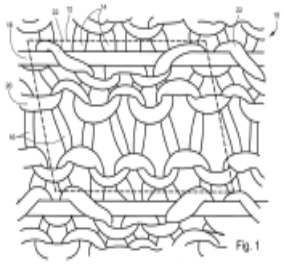
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015
(21) Application No.1569/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : KNITTED COMPRESSION GARMENT AND METHOD OF KNITTING SAME

(51) International classification :D04B1/26,D04B1/18
(31) Priority Document No :13/724045
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/020621
Filing Date :08/01/2013
(87) International Publication No :WO 2014/098928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BSN MEDICAL INC.
Address of Applicant :5825 Carnegie Boulevard Charlotte NC 28209 4633 U.S.A.
(72)**Name of Inventor :**
1)COLLINS Larry Wayne
2)BAUER Joachim Dietmar Adolf
3)TUCKER Kevin Michael
4)CLARK Phillip Todd

(57) Abstract :
A therapeutic medical garment having a variable pressure profile along its length and including a knitted tubular body and a knitted anti slip portion formed proximate one end of the tubular body with an inner surface adapted for residing against a wearer s skin. The knitted anti slip portion includes at least first second and third yarns simultaneously knitted to form a repeat having a raised surface texture on the inner surface of the anti slip portion. One of the first second and third yarns is a low friction yarn and two of the first second and third yarns are high friction yarns knitted to reside on and form the raised surface texture on the inner face of the anti slip portion. A fabric construction and a method of forming a fabric construction are also disclosed.



No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015

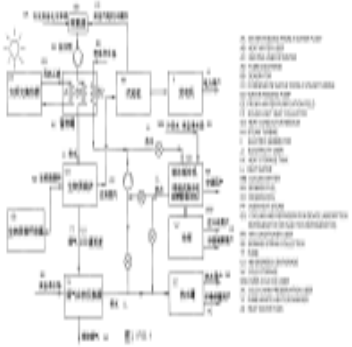
(21) Application No.1570/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLAR BIOMASS COMPLEMENTARY THERMAL POWER SYSTEM

(51) International classification :F03G6/06,F25B29/00
(31) Priority Document No :201210520274.4
(32) Priority Date :06/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/088570
Filing Date :05/12/2013
(87) International Publication No :WO 2014/086295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO. LTD.
Address of Applicant :T1 Jiangxia Avenue Eastlake New tech Development Zone Wuhan Hubei 430223 China
(72)**Name of Inventor :**
1)CHEN Yilong
2)YANG Qingping
3)ZHANG Yanfeng
4)LIU Wenyan

(57) Abstract :
A solar biomass complementary thermal power system comprises a solar light concentrating device a solar heat storage tank (1) a biomass thermal power station a combined cooling and refrigeration device for central cooling and a heat water system for central heating. The solar light concentrating device is connected to the solar heat storage tank (1) through a pipeline an inlet of a first output heat exchanger (B1) of the solar heat storage tank (1) is connected to an outlet of a biomass boiler water feeding pump (3a) an outlet of the first output heat exchanger (B1) is connected to an inlet of a water feeding system of the biomass boiler. An inlet pipeline of a second output heat exchanger (B2) of the solar heat storage tank (1) is connected to an output pipeline of a water purification field and an output outlet of the second output heat exchanger (B2) is connected to a thermal energy input pipeline of the combined cooling and refrigeration device. Working cooling water of the combined cooling and refrigeration device is connected to a heat water tank of the heat water system so as to perform central heating for users. The solar heat storage tank (1) is a two medium or three medium two circulation heat storage tank and a heat storage medium (1a) is a heat conductive oil or a fused salt.



No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015
(21) Application No.1658/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RENDERING GRAPHICS DATA USING VISIBILITY INFORMATION

(51) International classification :G06T15/00
(31) Priority Document No :13/744111
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077278
Filing Date :20/12/2013
(87) International Publication No :WO 2014/113189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SEETHARAMAIAH Avinash
2)BALCI Murat
3)FRASCATI Christopher Paul
4)GRUBER Andrew Evan

(57) Abstract :
In some examples aspects of this disclosure relate to a method for rendering an image. For example the method includes generating visibility information indicating visible primitives of the image. The method also includes rendering the image using a binning configuration wherein the binning configuration is based on the visibility information.

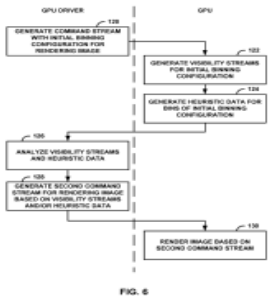


FIG. 6

No. of Pages : 49 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2015

(21) Application No.1498/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VENT HOLDING STRUCTURE FOR VEHICLE AIR CONDITIONER AND VEHICLE AIR CONDITIONER PROVIDED THEREWITH

(51) International classification	:B60H1/00
(31) Priority Document No	:2012273692
(32) Priority Date	:14/12/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/083067
Filing Date	:10/12/2013
(87) International Publication No	:WO 2014/092075
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VALEO JAPAN CO. LTD.
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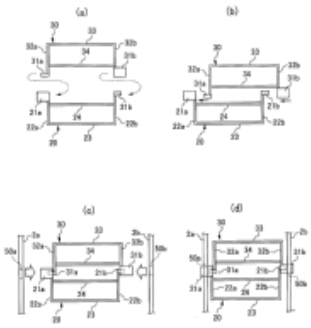
(72)**Name of Inventor :**
1)IKEDA Katsuyuki
2)HAYASHI Naoto

(57) Abstract :
Provided is a vent holding structure that prevents supported parts of two vents held along the same axis from bending radially during preliminary assembly thereby insuring smooth door rotation. Also provided is a vehicle air conditioner provided with said vent holding structure. [Solution] In this vent holding structure in which one of a pair of first supported parts (21a 21b) of a first vent (a mixing vent (23)) is rotatably supported in a first bearing hole formed in a first wall and the other of a pair of second supported parts (31a 31b) of a second vent (a mode vent (30)) is rotatably supported in a second bearing hole formed in a second wall one of the pair of second supported parts (31a 31b) is rotatably supported in one of the pair of first supported parts (21a 21b) along a normal from the first bearing hole and the other of the pair of first supported parts (21a 21b) is rotatably supported in the other of the pair of second supported parts (31a 31b) along a normal from the second bearing hole.



No. of Pages : 37 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015
(21) Application No.1584/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR UTILIZING A RECONFIGURATION TIMER FOR UPDATING TDD CONFIGURATION

(51) International classification :H04W72/04
(31) Priority Document No :PCT/CN2013/071019
(32) Priority Date :28/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/071632
Filing Date :28/01/2014
(87) International Publication No :WO 2014/114272
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)HOU Jilei
2)FENG Minghai
3)WANG Neng
4)WEI Chao

(57) Abstract :
In aspects methods and apparatus for utilizing a reconfiguration timer for updating TDD configuration are provided. Certain aspects of the present disclosure propose methods and apparatus for improving system performance while using adaptive uplink downlink reconfiguration in a time division duplex (TDD) system. For certain aspects a reconfiguration timer may be utilized along with a signaling scheme in order to enjoy benefits of the adaptive uplink downlink reconfiguration with minimum signaling overhead.

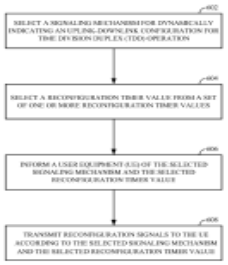


FIG. 6

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015
(21) Application No.1585/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EFFICIENT UPLINK RESOURCE INDICATION FOR CSI FEEDBACK

(51) International classification :H04L5/00
(31) Priority Document No :61/755814
(32) Priority Date :23/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010508
Filing Date :07/01/2014
(87) International Publication No :WO 2014/116413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Wanshi
2)GAAL Peter

(57) Abstract :
Channel state information (CSI) feedback reporting is disclosed for multi cell downlink cooperation networks. In such networks when a user equipment (UE) has little uplink data traffic CSI feedback is triggered by the serving base station through a downlink grant to the UE. The UE detects the CSI feedback trigger placed by the base station in the downlink grant and selects a set of uplink resources based at least in part on the downlink grant.

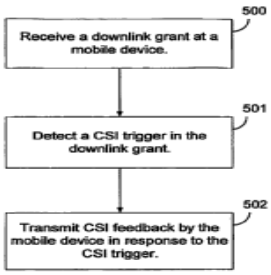


FIG. 5

No. of Pages : 35 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1673/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORIGINATOR MOBILE DEVICE ASSISTED VOICE CALL TECHNOLOGY SELECTION

(51) International classification	:H04L29/06,H04L29/08,H04W48/18
(31) Priority Document No	:13/761593
(32) Priority Date	:07/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/014855 :05/02/2014
(87) International Publication No	:WO 2014/123992
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)SHUMAN Mohammed Ataur Rahman
2)GOEL Amit
3)SHARMA Sandeep

(57) Abstract :
A smart Voice Over LTE (VoLTE) application for allowing a wireless mobile device to select an appropriate access technology for establishing a voice call with a target mobile device based on the capabilities of the target mobile device. Selection on the client side allows interoperability of a VoLTE wireless mobile device on a circuit switched network without requiring use of a gateway between the circuit switched and VoLTE networks. If the target mobile device is only configured for legacy circuit switched network calls the wireless mobile device need not begin the call connection on the VoLTE network and instead may establish the call on the circuit switched network from the beginning.

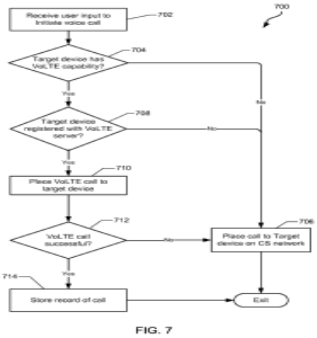


FIG. 7

No. of Pages : 55 No. of Claims : 60

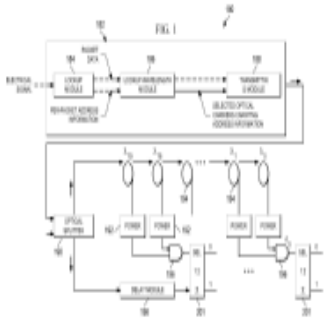
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015
(21) Application No.1580/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI WAVELENGTH ENCODING

(51) International classification :H04J14/02,H04B10/25
(31) Priority Document No :61/735842
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/089088
Filing Date :11/12/2013
(87) International Publication No :WO 2014/090158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)GRAVES Alan Frank
2)ASHWOOD SMITH Peter

(57) Abstract :
In one embodiment a method for multi wavelength encoding includes receiving an input optical packet stream having an address and data and encoding the address of the input optical packet stream producing an encoded address including a first group of symbols including a first selected symbol where the first group of symbols has more than two symbols. The method also includes generating a first wavelength in accordance with the first selected symbol and generating an output optical packet stream having the data of the input optical packet and the first wavelength where the first wavelength corresponds to the first selected symbol. Additionally the method includes modulating the first wavelength with the input optical packet stream.



No. of Pages : 50 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.1581/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIQUID OAT BASE

(51) International classification :A23L1/105,A23L1/29
(31) Priority Document No :13000872
(32) Priority Date :05/02/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2014/000010
Filing Date :28/01/2014
(87) International Publication No :WO 2014/123466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OATLY AB
Address of Applicant :Fretagsvgen 42 26151 Landskrona Sweden
(72)**Name of Inventor :**
1)TRIANTAFYLLOU Angeliki

(57) Abstract :
A process for preparing a liquid oat base or drink of improved soluble oat protein content from an oats material in particular an oats material that has not been heat treated in a humid state comprises solubilizing oat protein in an aqueous solvent by means of protein deamidase. Also disclosed is a corresponding liquid oat base and uses thereof.

No. of Pages : 16 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

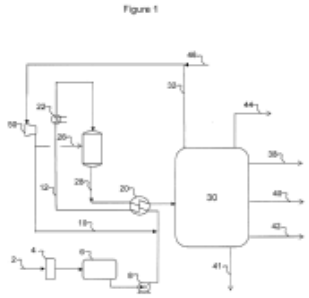
(21) Application No.1582/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONVERSION OF TRIACYLGLYCERIDES CONTAINING OILS

(51) International classification :C10G3/00,C10L1/02
(31) Priority Document No :13/711140
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073136
Filing Date :04/12/2013
(87) International Publication No :WO 2014/093099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUMMUS TECHNOLOGY INC.
Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)GREENE Marvin I.

(57) Abstract :
A process for converting triacylglycerides containing oils into crude oil precursors and/or distillate hydrocarbon fuels is disclosed. The process may include reacting a triacylglycerides containing oil carbon dioxide mixture at a temperature in the range from about 250°C to about 560°C and a pressure greater than about 75 bar to convert at least a portion of the triacylglycerides to a hydrocarbon or mixture of hydrocarbons comprising one or more of isoolefms isoparaffins cycloolefins cycloparaffms and aromatics. In some embodiments the conversion of the triacylglycerides to hydrocarbon products may advantageously be performed in the absence of added water and added hydrogen.



No. of Pages : 28 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1670/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUID FLOW PLATE FOR A FUEL CELL

(51) International classification :H01M8/02
(31) Priority Document No :1223452.2
(32) Priority Date :27/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053346
Filing Date :18/12/2013
(87) International Publication No :WO 2014/102534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTELLIGENT ENERGY LIMITED
Address of Applicant :Charnwood Building Holywell Park Ashby Road Loughborough LE11 3GB U.K.
(72)**Name of Inventor :**
1)HOOD Peter David
2)ADCOCK Paul Leonard

(57) Abstract :
A bipolar fluid flow plate for an electrochemical assembly comprises a plurality of first fluid flow channels extending across a face of the flow plate to define a first fluid flow field of the fluid flow plate and a plurality of second fluid flow channels extending across a face of the flow plate to define a second fluid flow field of the fluid flow plate. The pluralities of first fluid flow channels and second fluid flow channels both occupying a common channel plane. An array of first fluid transfer points is disposed along an edge of the first fluid flow field for communicating fluid into or out of the first fluid flow channels. An array of second fluid transfer points is disposed along an edge of the second fluid flow field for communicating fluid into or out of the second fluid flow channels. A first fluid gallery has a first peripheral edge portion bounded by the array of first fluid transfer points and has a second peripheral edge portion forming a first fluid communication edge of the fluid flow plate. A second fluid gallery has a first peripheral edge portion bounded by the array of second fluid transfer points and has a second peripheral edge portion forming a second fluid communication edge of the fluid flow plate. The first fluid gallery occupies a first gallery plane and the second fluid gallery occupies a second gallery plane different from the first gallery plane. Both the first gallery plane and the second gallery plane are disposed within the channel plane. This structure enables the feeding of multiple different fluids into coplanar channels across the full width of a flow field.

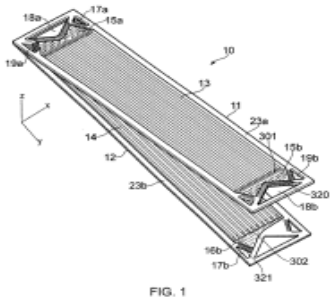


FIG. 1

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1677/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PREPARING BIOMASS BASED POLYMER EMULSION

(51) International classification :C08F283/00,C08F2/26,C08G18/67
(31) Priority Document No :201210572455.1
(32) Priority Date :25/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/088594
Filing Date :05/12/2013
(87) International Publication No :WO 2014/101640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHENG Xingcai
3)CHENG Yuting
4)ZHUO Zhijiu

(57) Abstract :
The present invention relates to a method for preparing a biomass based polymer emulsion. The method comprises: dissolving cardanol in a solvent a adding a sulfonating agent and strong alkali reacting and cooling adjusting the pH value and reacting again cooling overnight filtering dissolving a solid washed by the solvent a in an anhydrous solvent b adding a modifier and triethylamine and carrying out the polymerization reaction to obtain a cardanol based emulsifier; after modifying castor oil by using maleic anhydride adding isocyanate a catalyst and a chain extender for polymerizing to obtain a castor oil based polyurethane prepolymer; and adding an acrylate monomer and water into the castor oil based polyurethane prepolymer and the cardanol based emulsifier swelling rising the temperature to 70 90 °C for reaction and adding an initiator to initiate the polymerization. By using the present invention acrylate is copolymerized in a system with a cardanol based polymerizable emulsifier as a medium and double bonds on a castor oil derivative are used for graft copolymerization so that a prepared emulsion is high in compatibility good in stability good in water tolerance good in chemical tolerance and good in weather tolerance has the advantages of incombustibility no toxicity no environmental pollution and the like and is wide in use.

No. of Pages : 20 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015
(21) Application No.1678/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISK WRITING METHOD FOR DISK ARRAYS AND DISK WRITING DEVICE FOR DISK ARRAYS

(51) International classification :G06F3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/087506
Filing Date :26/12/2012
(87) International Publication No :WO 2014/100996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZHANG Xiang
2)DONG Hao
3)LI Quan

(57) Abstract :
Provided are a disk writing method for disk arrays and a disk writing device for the disk arrays. The method comprises: acquiring a sequence according to the physical addresses of all logic units of the logic units in the same redundant array of independent disks (RAID) group of disk arrays; and sequentially writing disk writing concurrence inputs/outputs (IOs) of RAID groups to the logic units of the RAID groups according to the sequence of the physical addresses of the logic units wherein each disk writing concurrence IO includes at least one dirty page of one logic unit to be written into an RAID group. By means of uniformly scheduling logic units in a single RAID group and performing disk writing according to a sequence of physical addresses the disk writing method for disk arrays and the disk writing device for disk arrays provided in the embodiments of the present invention reduce the time which is consumed when a magnetic arm jitters back and forth in addressing and avoid the influences among different RAID groups via independent control to the RAID groups thereby improving the disk writing efficiency of the disk arrays and increasing the throughput capacity of the disk arrays.

图 1 / FIG. 1

S110 ACQUIRING A SEQUENCE, ACCORDING TO PHYSICAL ADDRESSES OF ALL LOGIC UNITS OF THE LOGIC UNITS IN THE SAME REDUNDANT ARRAY OF INDEPENDENT DISKS (RAID) GROUP OF DISK ARRAYS;

S120 SEQUENTIALLY WRITING DISK WRITING CONCURRENCE INPUTS/OUTPUTS (IOS) OF RAID GROUPS TO THE LOGIC UNITS OF THE RAID GROUPS ACCORDING TO THE SEQUENCE OF THE PHYSICAL ADDRESSES OF THE LOGIC UNITS, WHEREIN EACH DISK WRITING CONCURRENCE IO INCLUDES AT LEAST ONE DIRTY PAGE OF ONE LOGIC UNIT TO BE WRITTEN INTO AN RAID GROUP

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1679/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CROSSTALK SUPPRESSION METHOD AND DEVICE

(51) International classification :H04B10/25
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/087541
Filing Date :26/12/2012
(87) International Publication No :WO 2014/101004
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DONG Yinghua

(57) Abstract :
Provided are a crosstalk suppression method and device. The method comprises: by means of acquiring a first electrical signal for indicating a data bit stream which is represented by a first optical signal output by a laser diode in a light transmitting receiving integrated module and transmission parameters of a photodiode adjusting the first electrical signal according to the transmission parameters of the photodiode acquiring a third electrical signal for indicating an electrical signal output by converting the first optical signal which is output by the laser diode via the photodiode and carrying out subtraction processing on a second electrical signal and the third electrical signal which are output by the photodiode in the light transmitting receiving integrated module so that in the electrical signals output by a PD electrical signals which are generated by an optical signal output by an LD and reflected or refracted to enter the PD can be removed thereby suppressing crosstalk and improving the sensitivity of a light transmitting receiving integrated module.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015

(21) Application No.1589/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIVE TIMING FOR DYNAMIC ADAPTIVE STREAMING OVER HTTP (DASH)

(51) International classification	:H04N21/2343,H04L7/00,H04N21/242
(31) Priority Document No	:61/749048
(32) Priority Date	:04/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/010187 :03/01/2014
(87) International Publication No	:WO 2014/107580
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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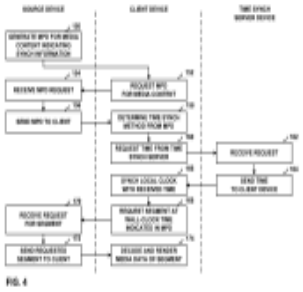
(72)**Name of Inventor :**
1)STOCKHAMMER Thomas
2)FALL Kevin Roland

(57) Abstract :
In one example a client device for receiving information for streaming of media data includes a clock and one or more processors configured to receive a media presentation description (MPD) for media content wherein the MPD includes data indicative of wall clock times at which the client device can retrieve data of the media content from a source device and wherein the data indicates a synchronization method by which the client device is to synchronize the wall clock times with the clock synchronize the clock with the wall clock times using the method indicated by the MPD and request data of the media content from the source device using the synchronized clock. A server device or source device may form and provide such an MPD to a client device.



No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015
(21) Application No.1680/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INDUSTRIAL FABRIC AND METHOD OF WELDING SEAM AREA USING ULTRASONIC WELDING

(51) International classification :D21F1/00,B29C65/08
(31) Priority Document No :13/730101
(32) Priority Date :28/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073166
Filing Date :04/12/2013
(87) International Publication No :WO 2014/105376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BOTELHO Joseph P.
2)LASKORSKI Victor P.
3)MASTIN James P.
4)RADEMAN Jennifer L.

(57) Abstract :
The invention relates to ultrasonic welding of industrial fabrics. Specifically the invention relates to methods for ultrasonically welding the seam area of industrial fabrics using a textured horn (20) and/or anvil (30). The fabric edges are overlapped as woven or one or both edges can have some warp or weft yams raveled out. The method involves ultrasonically bonding the overlapped fabric edges reducing the caliper of the two stacked edges to match the body caliper of the fabric itself. The bonded area can then be perforated using laser or other mechanical means to produce a seam having the same woven texture and permeability (air and/or water) as the body of the fabric.

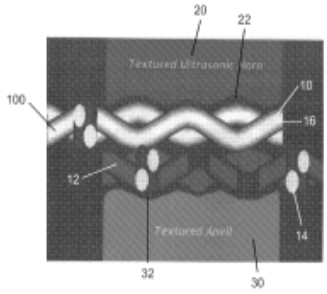

Fig. 2(a)

No. of Pages : 56 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1681/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TEA FERMENTATION METHOD AND DEVICE FOR IMPLEMENTING SAME

(51) International classification :A23F3/08
(31) Priority Document No :a 2013 0017
(32) Priority Date :30/01/2013
(33) Name of priority country :Azerbaijan
(86) International Application No :PCT/AZ2013/000002
Filing Date :01/03/2013
(87) International Publication No :WO 2014/117228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to the food industry to medicine and to agriculture and specifically to a tea fermentation process for use in the processing of cultivated and wild plant raw material. The fermentation method includes subjecting the raw material to an ozone air mixture having an ozone concentration of 0.03 0.04 ppm (0.06 0.08 mg/m) at a relative humidity of 95 98% and a temperature of 22 24° for a period of 40 50 minutes under conditions of operational control over the condition of the product. The device for implementing the fermentation method comprises coaxially arranged electrodes connected to a high voltage source and between said electrodes a dielectric barrier in the form of a tubular ozonizer flexible tubing for inputting the ozone air mixture and a humidifying temperature controller which provides for the relative humidity and temperature in the fermentation chamber. Subjecting the raw material to the ozone air mixture results in an increase in fermentation process output and in the qualitative indicators of the final product.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1682/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AGENT FOR MODULATING THE DISSEMINATION OF CANCER CELLS PRODUCT COMPRISING SAID AGENT AND USE OF SAID AGENT IN THE TREATMENT AND/OR PREVENTION OF CANCER

(51) International classification :A61K39/00,A61K45/06,A61P35/04
(31) Priority Document No :12382468.2
(32) Priority Date :27/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074794
Filing Date :26/11/2013
(87) International Publication No :WO 2014/083019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FUNDACIN RAMN DOMINGUEZ
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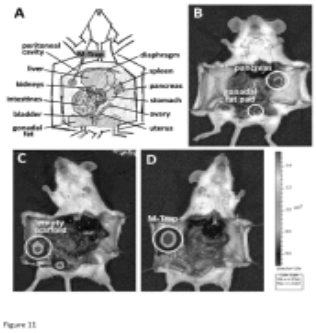
2)LOPEZ Rafael
3)POSADA Miguel Abal

(57) Abstract :
The present invention relates to a composition for modulating tumor cell dissemination in particular metastatic cancer cells. In particular the invention relates to an agent for modulating metastatic tumor cell dissemination for use in the treatment and/or prevention of a metastatic cancer wherein the agent is a capture agent and/or a chemoattractant for tumor cells. The invention also relates to a product comprising an agent for modulating metastatic tumor cell dissemination and to a method of treatment or prevention of cancer.



No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015
(21) Application No.1598/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POSITIONING APPARATUS AND POSITIONING METHOD

(51) International classification :G05B19/05
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/083424
Filing Date :25/12/2012
(87) International Publication No :WO 2014/102895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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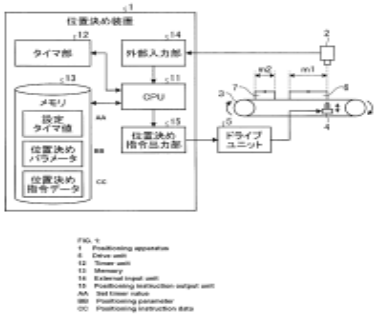
2)YAMAMOTO Junji
3)KAKIMOTO Koichi

(57) Abstract :
The present invention is a positioning apparatus (1) which starts positioning control by way of output of a positioning instruction in accordance with input of an external input signal from an external sensor (2) . The positioning apparatus has: an external input unit (14); a timer unit (12) which counts time from when the external input signal has been input from the external input unit; a memory (13) which retains a set timer value which has been set by a positioning control program as delay time which delays starting of positioning control, and positioning instruction data calculated by a processing unit; and a positioning instruction output unit (15) which, on the basis of the positioning instruction data retained by the memory, outputs a positioning instruction to the object to be controlled. The positioning instruction output unit outputs the positioning instruction when a count value by the timer unit, and the set timer value retained by the memory, match. The set timer value retained by the memory can be modified in accordance with a setting in the positioning control program.



No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015
(21) Application No.1599/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRIC RESISTANCE WELDED STEEL PIPE

(51) International classification :C22C38/00,C22C38/38,C22C38/58
(31) Priority Document No :2013016670
(32) Priority Date :31/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/052708
Filing Date :30/01/2014
(87) International Publication No :WO 2014/119802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKABE Takatoshi
3)TOYODA Shunsuke
4)KAWABATA Yoshikazu
5)HORI Hiromichi

(57) Abstract :
Provided is an electric resistance welded steel pipe excellent in terms of fatigue strength. An electric resistance welded steel pipe, the steel pipe having a chemical composition containing, by mass%, C: 0.35% or more and 0.55% or less, Si: 0.01% or more and 1.0% or less, Mn: 1.0% or more and 3.0% or less, P: 0.02% or less, S: 0.01% or less, Al: 0.005% or less,.N: 0.0050% or less, Cr: 0.1% or more and 0.5% or less, and the balance being Fe and inevitable impurities and a metallic microstructure including pearlite, ferrite, and bainite, in which the area ratio of the pearlite is 85% or more, the total of the area ratios (including 0) of the ferrite and the bainite is 15% or less, and in which a prior austenite grain size is 25 urn or more. Figure 1 is the representative figure.

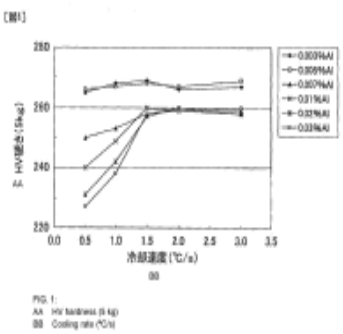

FIG. 1:
AA HV hardness (5 kg)
BB Cooling rate (°C/s)

No. of Pages : 36 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1687/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD OF PROGRAMMING A MEMORY CELL

(51) International classification :G11C17/16
(31) Priority Document No :13/759344
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014132
Filing Date :31/01/2014
(87) International Publication No :WO 2014/123778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI Xia
2)YANG Bin

(57) Abstract :
A method includes selectively creating a first breakdown condition and a second breakdown condition at a semiconductor transistor structure. The first breakdown condition is between a source overlap region of the semiconductor transistor structure and a gate of the semiconductor transistor structure. The second breakdown condition is between a drain overlap region of the semiconductor transistor structure and the gate.

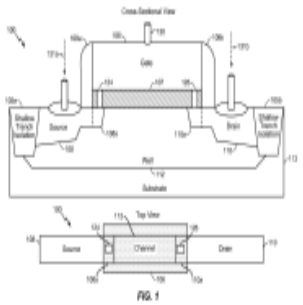

FIG. 1

No. of Pages : 53 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1688/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING RANDOM NUMBERS USING A PHYSICAL ENTROPY SOURCE

(51) International classification :G06F7/58
(31) Priority Document No :13/759130
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014507
Filing Date :03/02/2014
(87) International Publication No :WO 2014/123824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MADALA Raghu Sagar
4)GOVINDASWAMY Senthil Kumar
5)YUEN Kendrick H.
6)GILMORE Robert P.
7)KIM Jung Pill
8)KANG Seung H.

(57) Abstract :
A method and apparatus for generating random binary sequences from a physical entropy source having a state A and a state B by detecting whether the physical entropy source is in the state A or in the state B attempting to shift the state of the physical entropy source to the opposite state in a probabilistic manner with less than 100% certainty and producing one of four outputs based on the detected state and the state of the physical entropy source before the attempted shift. The outputs are placed in first and second queues and extracted in pairs from each queue. Random binary bits are output based on the sequences extracted from each queue.

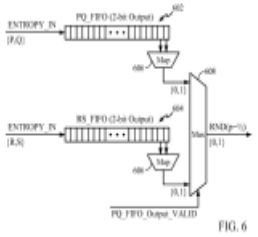

FIG. 6

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015
(21) Application No.1683/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR DETECTING PROTEASE ACTIVITY IN BIOLOGICAL SYSTEMS

(51) International classification	:G01N33/48,C12P21/08,A61K39/395
(31) Priority Document No	:61/749220
(32) Priority Date	:04/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/010216 :03/01/2014
(87) International Publication No	:WO 2014/107599
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)VASILJEVA Olga
2)MENENDEZ Elizabeth Edna Mary

(57) Abstract :
The invention relates generally to compositions and methods for detecting protease activity in a subject or a biological sample using activatable antibodies and the use of these compositions and methods in a variety of diagnostic indications.

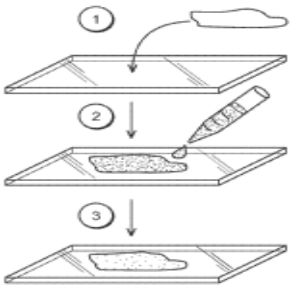

FIG. 1

No. of Pages : 171 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1684/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF TRANSMITTING AND RECEIVING CHANNEL QUALITY INDICATOR INFORMATION IN WIRELESS ACCESS SYSTEM AND DEVICE SUPPORTING SAME

(51) International classification :H04W24/10
(31) Priority Document No :61/746132
(32) Priority Date :27/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/012280
Filing Date :27/12/2013
(87) International Publication No :WO 2014/104799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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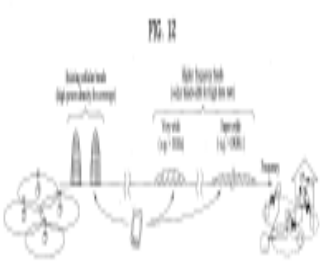
2)KIM Jinmin
3)KO Hyunsoo
4)CHUNG Jaehoon

(57) Abstract :
The present invention relates to a method of transmitting and receiving channel quality indicator (CQI) information that relates to a channel aging effect in an environment where a time varying channel characteristic is maximized and a device supporting same. According to an embodiment of the present invention a method of reporting multi channel quality indicator (CQI) information by a terminal in a wireless access system that supports an environment where a time varying channel characteristic is maximized may include receiving a first reference signal obtaining information on a first CQI by using the first reference signal receiving a second reference signal obtaining information on a second CQI by using the second reference signal reporting the information on the first CQI and reporting the information on the second CQI.



No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1685/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING RECEIPT CONFIRMATION REPLY IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/16
(31) Priority Document No :61/750801
(32) Priority Date :09/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000258
Filing Date :09/01/2014
(87) International Publication No :WO 2014/109571
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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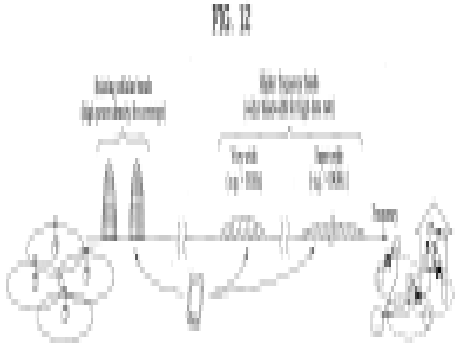
2)SEO Hanbyul
3)LEE Seungmin

(57) Abstract :
thththth One embodiment of the present invention relates to a method for user equipment transmitting an uplink receipt confirmation reply in a wireless communication system comprising the steps of: receiving a downlink signal from subframe n; and transmitting a receipt confirmation reply with respect to the downlink signal from the k subframe from the subframe from which the downlink signal is received wherein resource for the receipt confirmation reply from the k subframe is allocated with priority for subframes in a first group common to downlink subframes required to transmit the receipt confirmation reply from the ksubframe according to a first timeline and downlink subframes required to transmit the receipt confirmation reply from the ksubframe according to a second timeline.



No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1686/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOCATION BASED DYNAMIC COUPONS

(51) International classification :G06Q30/00
(31) Priority Document No :13/758827
(32) Priority Date :04/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013944
Filing Date :30/01/2014
(87) International Publication No :WO 2014/120976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKGUL Ferit O.
2)DUA Praveen
3)GAO Weihua

(57) Abstract :
Methods systems computer readable media and apparatuses for location based dynamic coupons are presented. In some embodiments location information for a plurality of users in an area associated with the network based positioning system is determined. The location information may be analyzed using a set of rules associated with the area to create an offer associated with a location within the area. The offer may then be communicated to one or more users. In alternate embodiments user density may be used to create offers for users and the offers may be directed toward influencing users to move from a high user density location to a low user density location.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

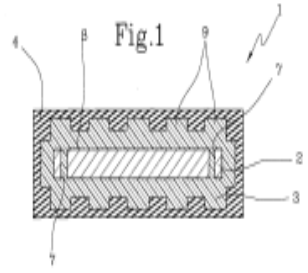
(21) Application No.1600/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROTECTIVE DEVICE

(51) International classification :F41H5/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2012/000385
Filing Date :18/12/2012
(87) International Publication No :WO 2014/097327
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)B MAX S.R.L.
Address of Applicant :Via Busoni Raffaelio 22 1 50023 Empoli Italy
(72)**Name of Inventor :**
1)CIOFFI Cosimo

(57) Abstract :
22Described is a protecting device comprising a first internal resistant layer (2) made from a steel having a failure load equal to or greater than 30 000 kg/cm and perfectly elastic between 0 and at least 10 000 kg/cm and at least one second layer (3) made from polymeric material.



No. of Pages : 12 No. of Claims : 15

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1693/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COATING SYSTEM WITH ELECTROSTATIC DISCHARGE PROTECTION

(51) International classification :H05F3/02
(31) Priority Document No :13150686.7
(32) Priority Date :09/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077829
Filing Date :20/12/2013
(87) International Publication No :WO 2014/108310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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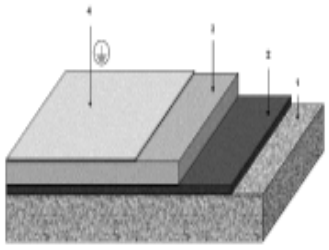
2)CONRAD Lars
3)HEINRICH Henry
4)GR–TZINGER Jochen

(57) Abstract :
A description is given of a coating system on a substrate 1 for electrostatic discharge protection comprising in the sequence given a) a primer 2 on the substrate 1 b) a nonconductive synthetic resin layer 3 and c) a conductive synthetic resin layer 4 with an earth leakage resistance as defined by VDE 0100 410 of at least 100 kOhms wherein an earthing device for earthing the coating system is arranged between the conductive synthetic resin layer 4 and the nonconductive synthetic resin layer 3. The coating system is preferably a floor coating system. In this way systems with low TVOC emission can be formed. This system structure is also suitable for the simple conversion of already existing purely insulating coating structures into systems with ESD capability and the system structure can be very easily renewed if renovation is required because of wear.



Figr 1

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015
(21) Application No.1694/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TOPICAL AQUEOUS OPHTHALMIC COMPOSITIONS CONTAINING A 1H INDOLE 1 CARBOXAMIDE DERIVATIVE AND USE THEREOF FOR TREATMENT OF OPHTHALMIC DISEASE

(51) International classification :A61K9/00,A61K47/02,A61K47/10
(31) Priority Document No :61/831834
(32) Priority Date :06/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/040892
Filing Date :04/06/2014
(87) International Publication No :WO 2014/197584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GHOSH Malay
2)ADAMS Christopher Michael
3)DODD Stephanie Kay
4)POOR Stephen Hedrick

(57) Abstract :
The present invention is directed to the provision of a multi dose topical ophthalmic composition containing a 1H indole 1 carboxamide and use thereof for treatment of ophthalmic disease. More specifically the present invention is directed to a multi dose aqueous ophthalmic composition (e.g. a solution a suspension an emulsion or the like) containing a 1H indole 1 carboxamide (e.g. N (1 methyl 5 (trifluoromethyl) 1H pyrazol 3 yl) 5 ((6 ((methylamino)methyl)pyrimidin 4 yl)oxy) 1H indole 1 carboxamide) and use thereof for treatment of an ophthalmic disease at the back of the eye such as age related macular degeneration (AMD).

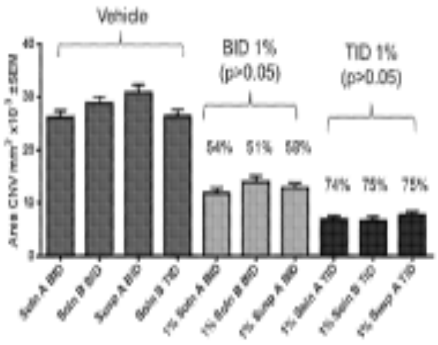

FIG. 1

No. of Pages : 100 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1695/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INDUSTRIAL FABRIC COMPRISING SPIRALLY WOUND MATERIAL STRIPS AND METHOD OF MAKING THEREOF

(51) International classification :D21F1/00,D21F7/08,D21F7/10
(31) Priority Document No :13/727224
(32) Priority Date :26/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073157
Filing Date :04/12/2013
(87) International Publication No :WO 2014/105375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DANIELSSON Mikael
4)BACKSTROM Marcus

(57) Abstract :
An industrial fabric belt or sleeve and a method of making the fabric belt or sleeve are disclosed. The industrial fabric belt or sleeve is produced by spirally winding strips of polymeric material such as an industrial strapping or ribbon material around two rolls in a side to side manner in which a gap between adjacent edges is formed A second material for example a gap filler material is placed between the adjacent edges and the adjoining edges are joined by melting the filler material strips of polymeric material or both. The gap filler material can have a specific cross sectional shape corresponding to the gap.

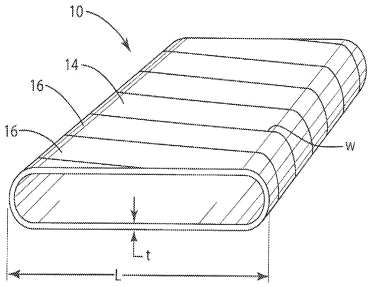

Fig. 1

No. of Pages : 36 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1696/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHAPED AND COATED METALLIC MATERIAL COMPOSITE AND METHOD FOR MANUFACTURING SHAPED AND COATED METALLIC MATERIAL AND COMPOSITE

(51) International classification :B32B15/08,B29C45/14,B32B15/085
(31) Priority Document No :2013007216
(32) Priority Date :18/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/002875
Filing Date :26/04/2013
(87) International Publication No :WO 2014/111978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TSUJIMURA Takao
3)FUJII Takahiro

(57) Abstract :
The present invention pertains to a shaped and coated metallic material used in a composite having excellent performance in bonding and sealing between a shaped metallic material and a molded article of a thermoplastic resin composition. The shaped and coated metallic material has: a shaped metallic material; and disposed above the shaped metallic material an acid modified polypropylene layer containing at least 40 mass% of an acid modified polypropylene. The melt viscosity of the acid modified polypropylene layer is 1000 to 10 000 mPa·s. The film thickness of the acid modified polypropylene layer is at least 0.2 μm.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015
(21) Application No.1608/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR A HIGH PERFORMANCE AND HIGHLY AVAILABLE MULTI CONTROLLERS IN A SINGLE SDN/OPENFLOW NETWORK

(51) International classification :H04L12/937
(31) Priority Document No :13/730040
(32) Priority Date :28/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/090794
Filing Date :28/12/2013
(87) International Publication No :WO 2014/101849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TIAN Yingjun
3)LI Quancai
4)WANG Jiao

(57) Abstract :
A method for distributing routing instructions to a plurality of nodes within an Open Flow Software Defined Network (SDN) using a logically centralized multi controller that comprises a plurality of controllers wherein the method comprises receiving a plurality of incoming data packets storing a plurality of current flow tables queuing the incoming data packets wherein the incoming data packets are queued based on the order received processing the incoming data packets based on the order the incoming data packets were queued wherein the incoming data packets that are first to be queued are the first to be processed generating a plurality of flow tables by processing the incoming data packets and transmitting the flow tables to the plurality of nodes when the flow tables have not been previously generated.

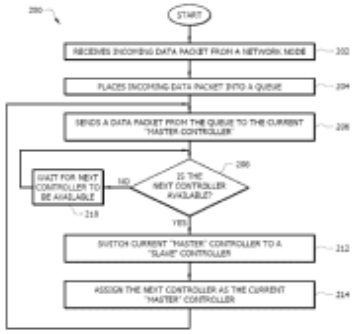

FIG. 2A

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1609/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING OF GENUS MUSA AND RELATED SPECIES

(51) International classification :A23L1/00,A23L1/212
(31) Priority Document No :13/728222
(32) Priority Date :27/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/075247
Filing Date :16/12/2013
(87) International Publication No :WO 2014/105468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HAN Jung Hoon
2)KALIAPPAN Sivaraj
3)LAMIKANRA Olusola
4)STALDER James
5)YANG Jun

(57) Abstract :
A method is provided for making a banana or plantain product comprising providing at least one unpeeled banana or plantain comprising banana or plantain peel and banana or plantain pulp subjecting the at least one unpeeled banana or plantain to a heat treatment at a temperature and for a time sufficient to gelatinize starch present in the at least one unpeeled banana or plantain to form at least one heat treated unpeeled banana or plantain and comminuting the at least one heat treated unpeeled banana or plantain to form a banana or plantain puree. A functional food ingredient is also provided comprising a banana or plantain puree including banana or plantain pulp and optionally banana or plantain peel. Foods containing banana or plantain puree or powder are provided including crackers snack bars cereals smoothies and cookies

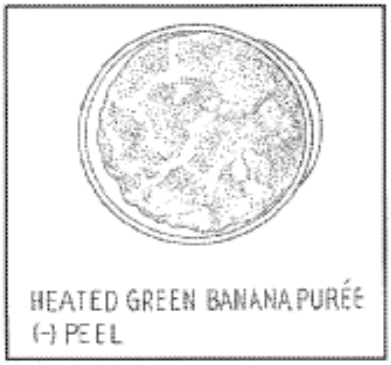

FIG. 1a

No. of Pages : 68 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1700/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PACKET COLLISIONS AND IMPULSIVE NOISE DETECTION

(51) International classification :H04L1/00,H04L1/20
(31) Priority Document No :13/710968
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071405
Filing Date :22/11/2013
(87) International Publication No :WO 2014/092971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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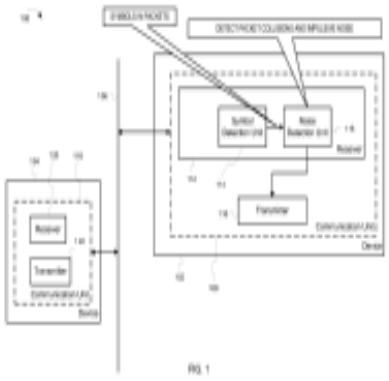
2)LANGLAIS Brian J.
3)KARIMI Joubin
4)ROZE Richard D.
5)CAM Son Binh
6)LEE Din
7)TAHIR Ehab

(57) Abstract :
A first Signal to Noise Ratio (SNR) average is determined for a first symbol set of at least one or more first symbols in one or more packets. A second SNR average is determined for a second symbol set of at least one or more second symbols in the one or more packets. A first difference between the first SNR average and the second SNR average is determined. In response to determining that the first difference exceeds an SNR threshold a determination is made whether a first channel event has occurred in the one or more packets at least within the first symbol set and the second symbol set. In response to determining that the first channel event has occurred a determination is made whether to remain at the first data rate or at a second data rate that is higher than the first data rate.



No. of Pages : 48 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1701/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA CACHE WAY PREDICTION

(51) International classification :G06F9/38
(31) Priority Document No :13/741917
(32) Priority Date :15/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011051
Filing Date :10/01/2014
(87) International Publication No :WO 2014/113288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SASSONE Peter G.
2)VENKUMAHANTI Suresh K.
3)CODRESCU Lucian

(57) Abstract :
In a particular embodiment a method includes identifying one or more way prediction characteristics of an instruction. The method also includes selectively reading based on identification of the one or more way prediction characteristics a table to identify an entry of the table associated with the instruction that identifies a way of a data cache. The method further includes making a prediction whether a next access of the data cache based on the instruction will access the way.

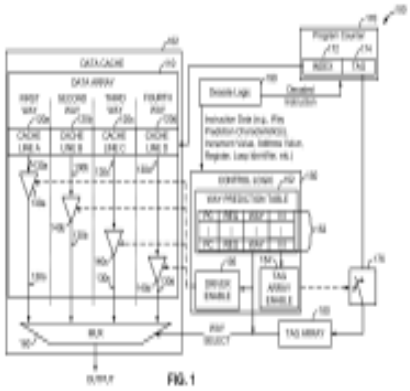

FIG. 1

No. of Pages : 46 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015
(21) Application No.1704/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HETEROGENEOUS MEMORY SYSTEMS AND RELATED METHODS AND COMPUTER READABLE MEDIA FOR SUPPORTING HETEROGENEOUS MEMORY ACCESS REQUESTS IN PROCESSOR BASED SYSTEMS

(51) International classification :G06F13/16
(31) Priority Document No :13/743400
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011442
Filing Date :14/01/2014
(87) International Publication No :WO 2014/113374
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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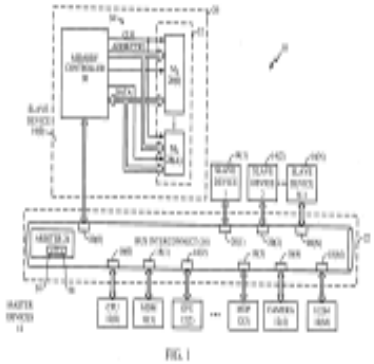
2)SUH Jungwon

(57) Abstract :
Heterogeneous memory systems and related methods and computer readable media for supporting heterogeneous memory access requests in processor based systems are disclosed. A heterogeneous memory system is comprised of a plurality of homogeneous memories that can be accessed for a given memory access request. Each homogeneous memory has particular power and performance characteristics. In this regard a memory access request can be advantageously routed to one of the homogeneous memories in the heterogeneous memory system based on the memory access request and power and/or performance considerations. The heterogeneous memory access request policies may be predefined or determined dynamically based on key operational parameters such as read/write type frequency of page hits and memory traffic as non limiting examples. In this manner memory access request times can be optimized to be reduced without the need to make tradeoffs associated with only having one memory type available for storage.



No. of Pages : 54 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1705/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOCATION BASED PROCESS MONITORING

(51) International classification :G06F21/50,H04M1/725
(31) Priority Document No :13/757268
(32) Priority Date :01/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010947
Filing Date :10/01/2014
(87) International Publication No :WO 2014/120409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAS Saumitra Mohan
3)NAGUIB Ayman Fawzy

(57) Abstract :
Disclosed are systems apparatus devices methods computer program products and other implementations including a method that includes determining location of a device and controlling monitoring of behavior of one or more processes executing on the device based on the determined location of the device to identify potential one or more security risky processes from the monitored one or more executing processes. In some embodiments controlling the monitoring of the behavior of the one or more processes may include one or more of for example adjusting frequency of the monitoring of the one or more processes based on the determined location of the device adjusting level of detail obtained for the monitored behavior of the one or more processes based on the determined location of the device and/or adjusting features being observed for the monitored one or more processes based on the determined location of the device.

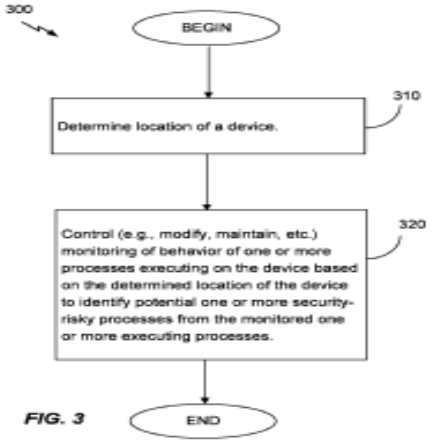

FIG. 3

No. of Pages : 45 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015
(21) Application No.1706/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELECTING DATA ITEMS FOR DISPLAY THAT ARE ASSOCIATED WITH ENTITIES THAT HAVE REPRESENTATIONS PLACED IN A SELECTED STATE

(51) International classification :G06Q30/00,G06F17/30
(31) Priority Document No :13/756214
(32) Priority Date :31/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014304
Filing Date :31/01/2014
(87) International Publication No :WO 2014/121142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ROTTLER Benjamin
2)ARROYO Gregory Robert

(57) Abstract :
A plurality of entities are each associated with a corresponding set of data items. A representation is assigned to each entity in the plurality of entities. The representation of any one or more entities in the plurality of entities can be placed in a selected state with user input. Data items from the collection can be filtered based on the representations that are placed in the selected state.

FIG. 2A

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015
(21) Application No.1707/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ERROR DETECTION AND CORRECTION OF ONE TIME PROGRAMMABLE ELEMENTS

(51) International classification :G11C17/02,G06F11/10,G11C17/14
(31) Priority Document No :13/752419
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012539
Filing Date :22/01/2014
(87) International Publication No :WO 2014/120529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KIM Jung Pill
2)KIM Taehyun
3)KIM Sungryul

(57) Abstract :
A circuit includes a first one time programmable (OTP) element and a second OTP element. The circuit also includes error detection circuitry coupled to receive a first representation of data from the first OTP element. The circuit further includes output circuitry responsive to an output of the error detection circuitry to output an OTP read result based on the first representation of the data or based on a second representation of the data from the second OTP element.

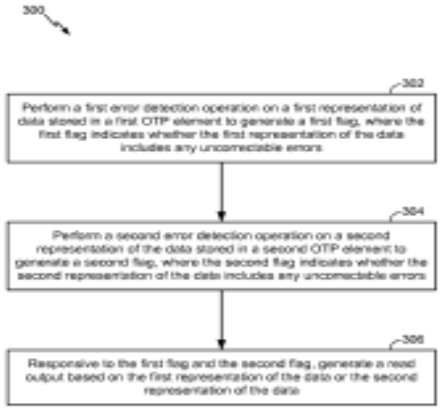

FIG. 3

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2015

(21) Application No.1614/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR PERFORMING RESOURCE ALLOCATION AND COMMUNICATION IN A WIRELESS COMMUNICATION SYSTEM, AND SYSTEM USING THE SAME

(51) International classification	:H04J 11/00; H04L 1/16
(31) Priority Document No	:10-2006-0023750
(32) Priority Date	:14/03/2006
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2007/001258 :14/03/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1963/MUMNP/2008 :12/09/2008

(71)**Name of Applicant :**
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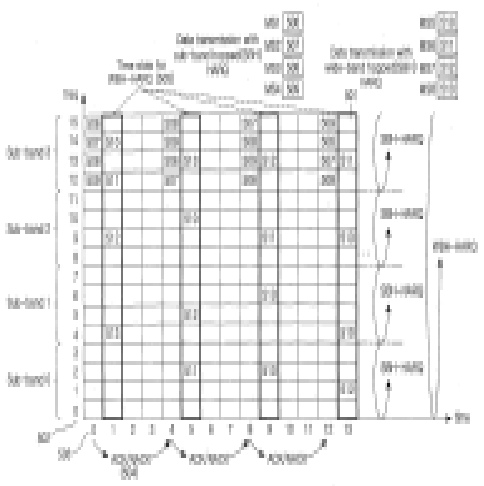
1)KWON, Hwan-Joon
2)KIM, Yu-Chul
3)KIM, Byung-Sik
4)KIM, Dong-Hee
5)YU, Jae-Chon
6)HAN, Jin-Kyu

(57) Abstract :
A method for allocating resources in a wireless communication system using Frequency Division Multiple Access (FDMA). The method includes dividing entire frequency resources into sub-bands each having a number of sub-channels, setting at least one sub-channel in each of the sub-bands as a wide-band resource, and providing the sub-band and wide-band information to mobile stations; and determining one of the sub-band resource and the wide-band resource as an allocated resource according to channel condition with a particular mobile station when there is a need for communication with the mobile station.



No. of Pages : 37 No. of Claims : 12

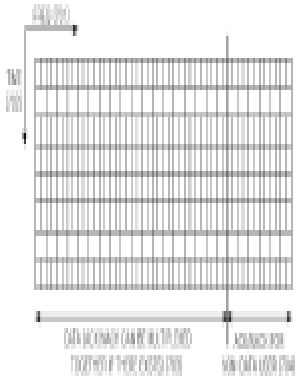
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2015
(21) Application No.1615/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING UPLINK SIGNALING INFORMATION IN A SINGLE CARRIER FDMA SYSTEM

(51) International classification :H04L 27/26
(31) Priority Document No :10-2006-0001849
(32) Priority Date :06/01/2006
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2007/000029
Filing Date :03/01/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1459/MUMNP/2008
Filed on :10/07/2008

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)KWAK Yong-Jun
2)LEE Ju-Ho
3)CHO Joon-Young

(57) Abstract :
A method and an apparatus for transmitting uplink information items having various characteristics by using a single Fast Fourier Transform (FFT) block. The method includes determining whether uplink signaling information exists to be transmitted when uplink data exists to be transmitted; multiplexing the uplink data and control information for the uplink data and transmitting multiplexed data through a first frequency resource allocated for the uplink data, when no uplink signaling information exists; multiplexing the uplink data, control information for the uplink data, and the uplink signaling information, and transmitting multiplexed data through a first frequency resource allocated for the uplink data, when the uplink signaling information exists; and transmitting the uplink signaling information through a second frequency resource allocated for the uplink signaling information, when no uplink data is to be transmitted and the uplink signaling information exists to be transmitted.



No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2015

(21) Application No.1616/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR OPEN LOOP SPATIAL MULTIPLEXING SCHEMES FOR RADIO ACCESS VIRTUALIZATION

(51) International classification :H04L1/06,H04B7/02
(31) Priority Document No :61/737614
(32) Priority Date :14/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/089492
Filing Date :16/12/2013
(87) International Publication No :WO 2014/090197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)MA Jianglei
2)NIKOPOUR Hosein
3)BAYESTEH Alireza
4)JIA Ming
5)ZHU Peiying

(57) Abstract :
System and method embodiments are provided for open loop spatial multiplexing for radio access virtualization. In an embodiment a system includes a plurality of antenna ports and a processor coupled to the plurality of antenna ports and configured to spread a spreading sequence over at least a portion of the plurality of antenna ports in a spatial domain wherein the processor is configured to cause the antenna ports to transmit multiple spreading sequences simultaneously by sequence superposition.

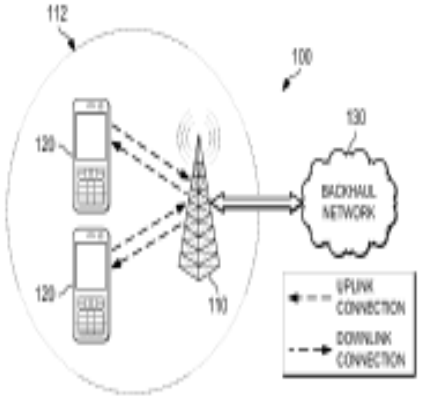


FIG. 1

No. of Pages : 29 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1710/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENZYMATIC TRANSESTERIFICATION/ESTERIFICATION PROCESSING SYSTEMS AND PROCESSES EMPLOYING LIPASES IMMOBILIZED ON HYDROPHOBIC RESINS

(51) International classification :C12P7/64,B01J8/02,B01J8/24
(31) Priority Document No :61/747618
(32) Priority Date :31/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/051079
Filing Date :30/12/2013
(87) International Publication No :WO 2014/102796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Regional R & D Center P.O. Box 437 20200 Shfaram Israel
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1)BASHEER Sobhi
2)MOHSEN Usama

(57) Abstract :
Disclosed are processing systems and processes for carrying out enzymatic batchwise or continuous process for the production of fatty acid alkyl esters for use in the biofuels food cosmetics pharmaceuticals and detergents industries.

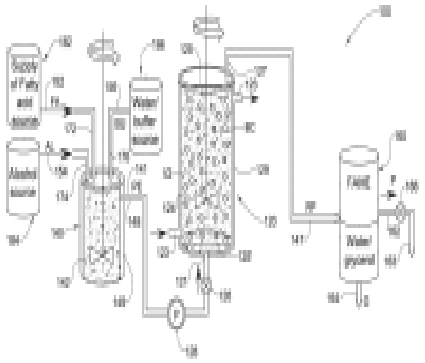

Fig. 1

No. of Pages : 64 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1711/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLEXIBLE DRIVING SHAFT

(51) International classification :F03D11/00
(31) Priority Document No :1222971.2
(32) Priority Date :19/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053372
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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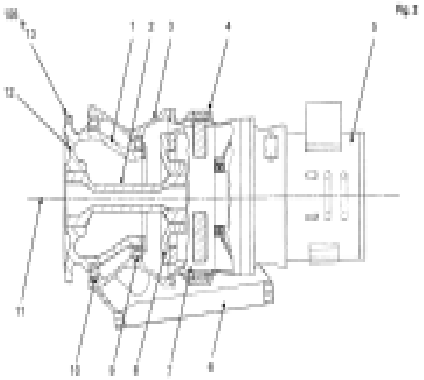
(72)**Name of Inventor :**
1)SHIELD David
2)SCOTT David
3)JOHNSTONE Gary
4)LEVELL Paul
5)GIBBS Paul

(57) Abstract :
A power transmission system(10)for increasing the rotational speed from a rotor of a wind turbine has a rotor shaft(1)configured to be driven by the rotor hub (106)about a main axis(11); a speed increasing gearbox having a gearbox input member(7);a support structure(6)supporting the rotor shaft(1)and gearbox; a rotor shaft housing (3) connected to the support structure (6); and a main shaft (2) comprising steel or iron and having an upwind end connected to the rotor shaft (1) and a downwind end connected to the gearbox input member (7) the main shaft (1) extending downwind along the main axis (11)inside the rotor shaft (1). The invention is characterised by the main shaft(2)being connected at the upwind end to an upwind end of the rotor shaft(1)having a slender elongate portion (2a) disposed between the upwind end (2b) and the downwind end (2c) the upwind and downwind ends (2b 2c) having a larger diameter than the elongate portion (2a) whereby the main shaft (1) has a high torsional strength but is flexible in bending so that radial and angular misalignment between the rotor shaft (1) and the gearbox input member (7) is accommodated.



No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1624/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF COSMETIC COMPOSITION

(51) International classification :A61K8/19,A61K8/34,A61K8/36
(31) Priority Document No :PCT/CN2012/087267
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089848
Filing Date :18/12/2013
(87) International Publication No:WO 2014/101699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :Unilever house 100 Victoria Embankment Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)AO Mingqi
2)GHATLIA Naresh Dhirajlal
3)LI Hangsheng
4)QIU Qiang
5)WANG Xiuxia
6)YUAN Caigen

(57) Abstract :
Disclosed is use of a cosmetic composition for enhancing opacity long lasting opacity cumulative deposition of beneficial agent wash off resistance abrasion resistance or combination thereof the composition comprising film forming polymer having a contact angle of at least 85° and lipid having a melting point of at least 5°C.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1625/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LENTICULAR CAPSULE EXPANDING DEVICE

(51) International classification :A61F2/16
(31) Priority Document No :2012282287
(32) Priority Date :26/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/081177
Filing Date :19/11/2013
(87) International Publication No :WO 2014/103564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FRONTIER VISION CO.LTD.
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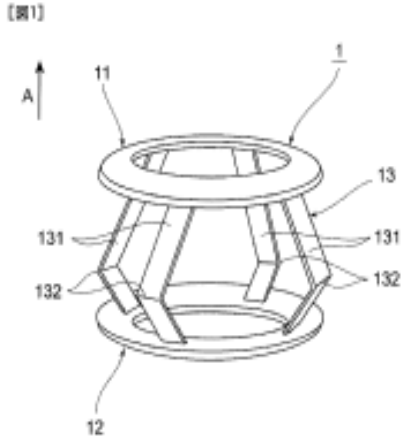
(72)**Name of Inventor :**
1)Akura Junsuke

(57) Abstract :
The lenticular capsule-expanding device (1) is set inside a lenticular capsule in which the anterior capsule has been sectioned in cataract surgery, etc. and is equipped with: a circular anterior support section (11), which is provided in a form that contacts the inner surface of the anterior capsule (Sf); a circular posterior support section (12) that is provided on the posterior side of the anterior support section (11) in a form that contacts the inner surface of the posterior capsule (Sb) while facing the anterior support section (11); and a connecting section (13) for connecting the rim of the anterior support section (11) to the rim of the posterior support section (12) in a form that has a biasing force in the direction that separates the anterior support section (11) from the posterior support section (12). As a result of the biasing force of the connecting section (13), the anterior support section (11) presses the inner surface of the anterior capsule (Sf) and the posterior support section (12) presses the inner surface of the posterior capsule (Sb).



No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1626/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WOUND HEALING ACCELERATOR

(51) International classification :A61K31/192,A23G3/00,A23G3/34
(31) Priority Document No :2012282607
(32) Priority Date :26/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/084592
Filing Date :25/12/2013
(87) International Publication No :WO 2014/104064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NIWANO Yoshimi
2)KANNO Taro
3)NAKAMURA Keisuke
4)KANNO Minoru

(57) Abstract :
The purpose of the present invention is to provide a specific wound healing accelerator effective for accelerating heating of wounds particularly of wounds in the oral cavity or a composition which includes the wound healing accelerator. This wound healing accelerator including a specific polyphenol is easy to handle and is capable of accelerating would healing even by contact for a short time.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1627/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MSI SPECIFIC FRAMESHIFT PEPTIDES (FSP) FOR PREVENTION AND TREATMENT OF CANCER

(51) International classification :A61K39/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/005154
Filing Date :13/12/2012
(87) International Publication No :WO 2014/090265
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KLOOR Matthias
2)REUSCHENBACH Miriam
3)VON KNEBEL DOEBERITZ Magnus

(57) Abstract :
Described is a vaccine for prevention and treatment of cancer characterized by microsatellite instability (MSI). The vaccine contains an MSI specific frameshift peptide (FSP) generating humoral and cellular responses against tumor cells or a nucleic acid encoding said FSP. The vaccine of the present invention is particularly useful for the prevention/treatment of colorectal cancer endometrial cancer gastric cancer or small bowel cancer.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1723/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HAIR CARE COMPOSITION

(51) International classification :A61K8/368,A61K8/37,A61K8/41
(31) Priority Document No :13150102.5
(32) Priority Date :03/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077909
Filing Date :23/12/2013
(87) International Publication No :WO 2014/106603
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)AINGER Nicholas John
2)BATCHELOR Stephen Norman
3)PIGGOTT Anne Sophie
4)POLIDANO Aurore Anabelle

(57) Abstract :
A kit for colouring hair comprising: i) a first composition comprising an anionic surfactant 2 amino 6 chloro 4 nitrophenol and a polyphenol; (ii) a second composition comprising a transition metal salt and/or complex.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1622/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FASTENER

(51) International classification :F16B2/06,E04G7/14,E04G7/16
(31) Priority Document No :201210480143.8
(32) Priority Date :22/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087084
Filing Date :13/11/2013
(87) International Publication No :WO 2014/079336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHOU Lixin

(57) Abstract :
A fastener for clamping an object comprises a first clamp arm (1301) and a second clamp arm (1305) the first end (1303) of the first clamp arm (1301) is rotatably connected to the first end (1306) of the second clamp arm (1305) when clamping the object a cavity for holding the object is defined between the first clamp arm and the second clamp arm a first hasp (1310) is connected to the second end (1302) of the first clamp arm (1301) and the first hasp (1310) is used to connect with a locking device (1308) and the locking device (1308) is also used to connect with the second end (1307) of the second clamp arm (1305).

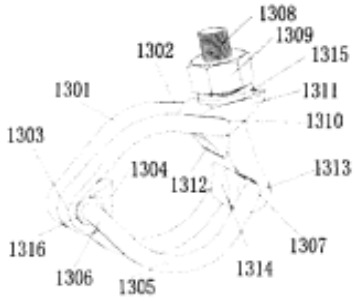

图 1A/Fig.1A

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2015

(21) Application No.1623/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification :A61K8/19,A61K8/34,A61K8/36
(31) Priority Document No :PCT/CN2012/087301
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089837
Filing Date :18/12/2013
(87) International Publication No:WO 2014/101698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
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(72)**Name of Inventor :**
1)AO Mingqi
2)GHATLIA Naresh Dhirajlal
3)LI Hangsheng
4)QIU Qiang
5)WANG Xiuxia
6)YUAN Caigen

(57) Abstract :
Disclosed is a cosmetic composition comprising a first film forming polymer having a contact angle of at least 85° a second film forming polymer having a contact angle of at least 85° a lipid having a melting point of at least 5°C optical particle and at least 20% of water by weight of the composition.

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1714/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR SELF SERVICE EQUIPMENT OUTPUTTING AND COLLECTING MONEY

(51) International classification :G07D11/00
(31) Priority Document No :201210534777.7
(32) Priority Date :11/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078972
Filing Date :08/07/2013
(87) International Publication No :WO 2014/089964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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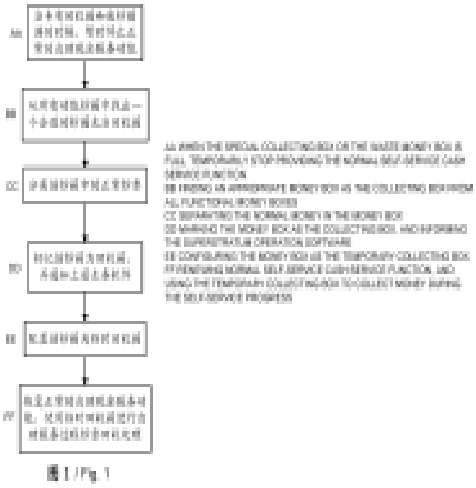
2)WANG Qinghua
3)FAN Yangshuai
4)NING Qunwei
5)XIAO Zhuming

(57) Abstract :
A method and system for self service equipment outputting and collecting money. A money box of self service equipment is provided with two money box statuses which are a functional status and a collecting status. Under the functional status the money box implements a money storage function used generally in a common situation. When a collecting box is full or in an abnormal status some money box is chosen and set to switch from the functional status into the collecting status and to act as a temporary collecting box. So the technical problem that the self service equipment cannot continuously provide cash services when the collecting box or a box for cash no longer fit for circulation is full is solved the self service equipment can continuously provide the cash service that is money depositing and withdrawing service under the condition that the collecting box is full and the starting up rate of the self service equipment is improved.



No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1715/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CATALYST AND METHOD FOR OXIDATIVE DEHYDROGENATION OF N BUTENES TO GIVE BUTADIENE

(51) International classification :B01J37/00,B01J37/03,B01J37/08
(31) Priority Document No :12195880.5
(32) Priority Date :06/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074874
Filing Date :27/11/2013
(87) International Publication No :WO 2014/086641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RTTINGER Wolfgang
2)WALSDORFF Christian
3)GRNE Philipp

(57) Abstract :
12abcd1e2fx12The invention relates to a catalyst comprising a catalytically active molybdenum and at least one further metal containing multimetal oxide of the general formula (I) MoBiMnCoFeXXO (I) in which the variables have the following meanings: X = Si and/or AI; X = Li Na K Cs and/or Rb; a = 0.2 to 1; b = 0 to 2; c = 2 to 10; d = 0.5 to 10; e = 0 to 10; f = 0 to 0.5; and x is a number which is determined by the valency and frequency of the elements in (I) that are different from oxygen.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1716/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROVIDING ACCESS TO INFORMATION ACROSS MULTIPLE COMPUTING DEVICES

(51) International classification :G06F15/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2013/024202
Filing Date :31/01/2013
(87) International Publication No :WO 2014/120220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZHAO Colin
2)VONSHAK Itai
3)RISAU Martin Heinrich

(57) Abstract :
A system having one or more servers is provided. The one or more servers implement a plurality of agents to access a plurality of data items from each network resource in a plurality of network resources. Each of the network resources corresponds to a network service. The one or more servers integrate data items from each of the plurality of network resources and enable functionality that operates on a set of integrated data items. The one or more servers implement a plurality of platform interfaces that each corresponds to a platform for a computing device and provide through each of the platform interfaces an output that is based on the set of integrated data items.

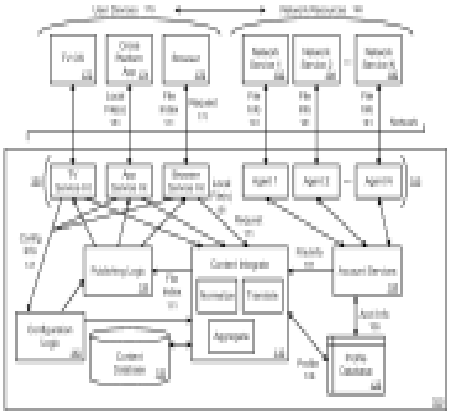

FIG. 1

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1629/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIFTER FOR HANDLING A ROTOR BLADE OF A WIND TURBINE AND METHOD OF OPERATING THE SAME

(51) International classification	:B66C1/10,F03D1/00	(71)**Name of Applicant :**
(31) Priority Document No	:12194991.1	**1)AREVA WIND GMBH**
(32) Priority Date	:30/11/2012	Address of Applicant :Am Lunedeich 156 27572 Bremerhaven Germany
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2013/075169	(72)**Name of Inventor :**
Filing Date	:29/11/2013	**1)MONUX BELLOSO Oscar**
(87) International Publication No	:WO 2014/083184	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A lifter (2) for handling a rotor blade (4) a method of operating a lifter (2) and a system comprising a lifter (2) and a rotor blade (4) is provided. The lifter comprises at least one device in particular a grabbing jaw (6) for contacting an outer surface of the rotor blade (4). The lifter may further comprise a non optical wave based system for detecting a position of the rotor blade (4) with respect to the lifter (2).

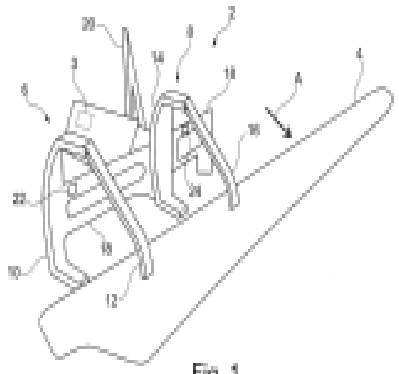

Fig. 1

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1720/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ECOLOGICAL CONSTRUCTION SYSTEM FOR BUILDINGS WITH GREEN WALLS

(51) International classification :E04C1/39
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/MX2012/000122
Filing Date :30/11/2012
(87) International Publication No :WO 2014/084702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELEVEN SOLUTIONS RFE S.A. DE C.V.
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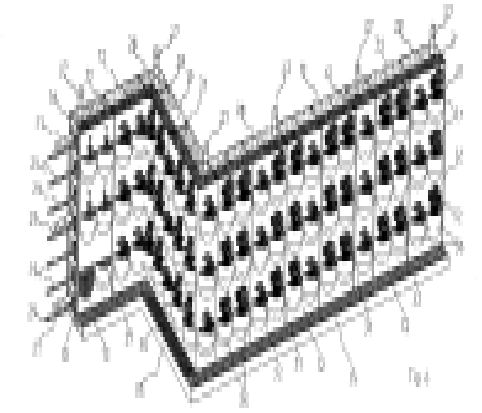
(72)**Name of Inventor :**
1)LOPEZ OTAMENDI Eduardo

(57) Abstract :
The present invention relates to a ecological construction system for buildings with green walls. The system is based on the provision of an integral wall structure one part of the section of which comprises concrete and steel reinforced formwork as the main supporting structure while the remaining part of the section comprises hollow cavities and arrangements of punched sections on the front or rear surface thereof with drip irrigation pipes and nozzles being provided therein. Plastic containers are housed in and fixed to the punched arrangements distributed on the front or rear wall which containers form a means for supporting natural or artificial substrates (soil mineral fibres or wools) and also for the cultivation of plants a channel being provided in the lower part of the wall structure for collecting filtering and conveying water to a container for reincorporating said water into the irrigation system. The resulting system allows the growth of plants and vegetation on green walls for construction purposes and can be used on all types of new or existing buildings.



No. of Pages : 26 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1721/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CELL SPECIFIC REFERENCE SIGNAL INTERFERENCE AVERAGING

(51) International classification :H04W24/10
(31) Priority Document No :61/756901
(32) Priority Date :25/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012655
Filing Date :23/01/2014
(87) International Publication No :WO 2014/116775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JI Tingfang
2)GAAL Peter
3)SAKHNINI Iyab Issam

(57) Abstract :
Enhancing performance by selectively applying averaging to channel state information CSI reporting processes. According to certain aspects a base station (e.g. an eNB) with knowledge of traffic patterns (e.g. traffic load or fluctuations) of potentially interfering transmitters may signal a UE how (or whether) to apply averaging for example when reporting CSI based on interference measurement resources (IMR). The averaging may refer to one or more of the following: interference averaging channel averaging signal to noise ratio (SNR) averaging and spectral efficiency averaging.

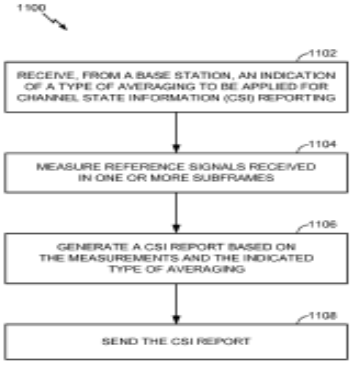

FIG. 11

No. of Pages : 36 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1722/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD APPARATUSES AND COMPUTER PROGRAM PRODUCT FOR BROADCASTING A MULTICAST SESSION IN WIRELESS COMMUNICATIONS

(51) International classification :H04W4/06,H04W48/18
(31) Priority Document No :61/759544
(32) Priority Date :01/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013719
Filing Date :30/01/2014
(87) International Publication No :WO 2014/120855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)SUKUMAR Hariharan
2)RAMAN Sundar
3)MAHESHWARI Shailesh

(57) Abstract :
Methods systems and devices are described for managing broadcasts of data in wireless communications. A request to join a multicast session is received. A plurality of broadcast technology based identifiers associated with the multicast session are received. Each broadcast technology based identifier identifies one of a plurality of radio access technologies (RATs) broadcasting the multicast session. One of the plurality of RATs is selected. A multicast stream of data associated with the multicast session is received from the selected RAT.

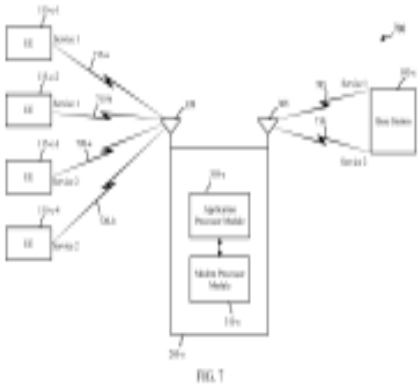

FIG.1

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2015

(21) Application No.1564/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LADDER PROGRAM DISPLAY DEVICE AND LADDER PROGRAM DISPLAY METHOD

(51) International classification	:G05B19/05,G06F3/048,G09G5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2012/080513 :26/11/2012
(87) International Publication No	:WO 2014/080531
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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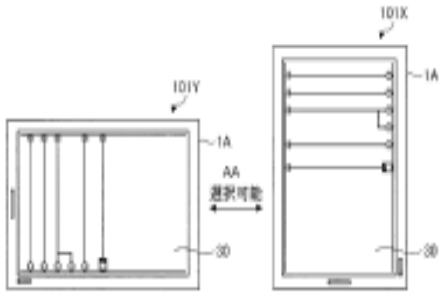
(72)**Name of Inventor :**
1)INAMOTO Kazumasa

(57) Abstract :
DISPLAY METHOD This invention is provided with a display-direction-determining unit for determining whether to display a ladder program in a vertical writing display or horizontal writing display orientation, and a display unit for displaying the ladder program as vertical writing or horizontal writing in accordance with the instruction from the display-direction-determining unit. The display direction determining unit compares the display mode of the ladder program when vertically written and the display mode of the ladder program when horizontally written for each placement mode in which the display unit is in a horizontally placed state or a vertically placed state, selects the display orientation corresponding to the placement mode on the basis of the comparison result, and instructs the display unit to produce a display in the selected display orientation.



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No. of Pages : 64 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1650/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CIRCULATORY FLOW RESTORATION DEVICE

(51) International classification :A61H31/00,A61H9/00
(31) Priority Document No :13/685537
(32) Priority Date :26/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/074641
Filing Date :25/11/2013
(87) International Publication No :WO 2014/080016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NOUR Sayed

(57) Abstract :
The present invention pertains to the field of medical devices and in particular to a circulatory flow restoration (CFR) device comprising an abdominal pressure element a thoracic pressure element and a pulsatile generator. The present circulatory flow restoration (CFR) device may be used in cases of cardiac arrest.

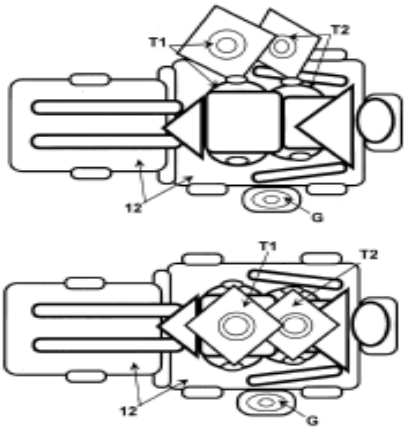

Fig. 4

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015
(21) Application No.1651/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRIVER VIEW ADAPTER FOR FORWARD LOOKING CAMERA

(51) International classification :B60R11/04
(31) Priority Document No :13/688515
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067698
Filing Date :31/10/2013
(87) International Publication No :WO 2014/085018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
When monitoring the forward area in front of a vehicle video of the forward area and the driver of the vehicle is concurrently captured by a single forward facing camera with a rearward facing mirror assembly reflects an image of the driver who is positioned behind the forward facing camera into the forward facing field of view of the camera. The mirror assembly is positioned in an inactive portion of the field of view of the camera so that the reflected image of the driver appears in the inactive portion of the field of view in the captured video. In this manner synchronized video of the forward area in the driver is generated without requiring computationally expensive post processing.

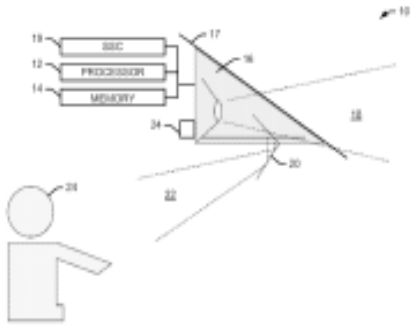

FIG. 1

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015
(21) Application No.1652/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AXIAL ASYMMETRIC N (2 ACYLARYL) 2 [5 7 DIHYDRO 6H DIBENZO [C E] AZEPINE 6 YL] ACETAMIDE COMPOUND AND CHIRALITY CONVERSION METHOD FOR AMINO ACID USING SAME

(51) International classification :C07D223/14,C07C227/32,C07C229/08
(31) Priority Document No :2012275160
(32) Priority Date :17/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/083711
Filing Date :17/12/2013
(87) International Publication No :WO 2014/098063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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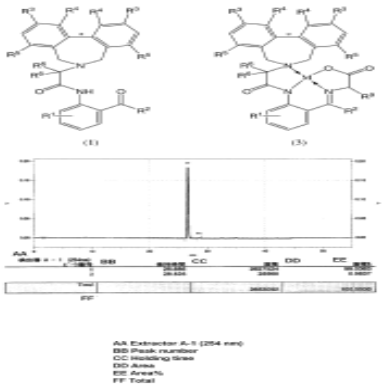
2)TAKEDA Ryosuke
3)KAWAMURA Akie
4)KAWASHIMA Aki
5)SOLOSHONOK Vadim A.

(57) Abstract :
The present invention addresses the problem of providing: a production method capable of high yield/high enantioselectively producing an optically active amino acid having few restrictions on the material that can be used as the substrate therefor; and a useful compound as a chiral auxiliary agent; etc. The present invention provides an N (2 acylaryl) 2 [5 7 dihydro 6H dibenzo [c e] azepine 6 yl] acetamide compound indicated in formula (1) a salt thereof or a metal complex indicated in formula (3).



No. of Pages : 105 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1742/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTAKE FOR AN ENGINE OF AN AIRCRAFT

(51) International classification :B64D33/02
(31) Priority Document No :10 2012 023 718.9
(32) Priority Date :05/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000712
Filing Date :02/12/2013
(87) International Publication No :WO 2014/086329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JUDAS Michael
2)BICHLER Barholomus

(57) Abstract :
An intake (20) for the supply of air to an engine (16) of an aircraft (10) comprises an opening (12) for the intake of air which opening points in the direction of motion (18) of the aircraft (10); and an air duct (24) between the opening (12) and the engine (16) which air duct is curved such that an impact region (42) in the air duct (24) is arranged behind the opening (12) as viewed in the direction of motion (18) of the aircraft (10) such that any object (30) that flies into the opening (12) impacts against the impact region (42). The impact region (42) has a penetration region (44) which is designed to be penetrated by the impacting object (30).

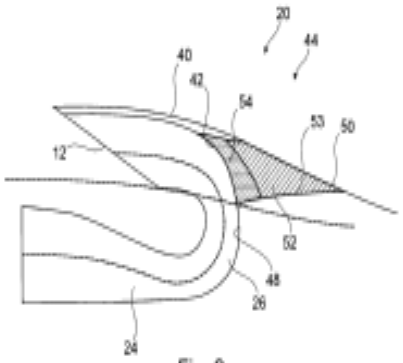

Fig. 9

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1733/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IDLE MEASUREMENT PERIODS IN A COMMUNICATION NETWORK

(51) International classification :H04L12/413,H04W74/08
(31) Priority Document No :13/752223
(32) Priority Date :28/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013363
Filing Date :28/01/2014
(87) International Publication No :WO 2014/117143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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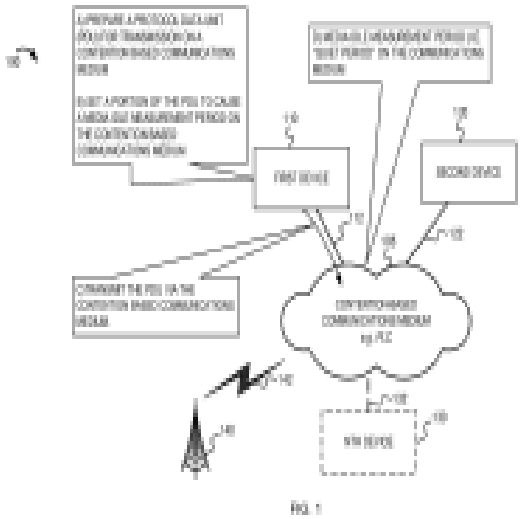
(72)**Name of Inventor :**
1)TAHIR Ehab
2)COWAN Anthony James
3)CHAPPEL John Fraser

(57) Abstract :
A transmission frame is communicated to cause a media idle measurement period on a contention based communication media. The media idle measurement period (i.e. quiet period) provides a period of inactivity on the communications medium that may be used to detect for the presence of foreign signals such as radio broadcast interference noise or other signals or may be used for calibration of circuitry coupled to the communications medium. Idle measurement periods may be caused regularly (e.g. periodically). The transmission frame may include an explicit instruction for the media idle measurement period or may cause the media idle measurement period by simulating a collision on the communications media.



No. of Pages : 45 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1734/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LINE CARD OPTICAL MODULE AND OPTICAL NETWORK DEVICE

(51) International classification :G02B6/42
(31) Priority Document No :201210547960.0
(32) Priority Date :17/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089664
Filing Date :17/12/2013
(87) International Publication No :WO 2014/094596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIN Huafeng
3)ZHOU Xiaoping
4)LIU Dekun

(57) Abstract :
Embodiments of the present invention provide a line card, an optical module, and an optical network device. The line card includes a mainboard, a panel, an optical module, and a wavelength division multiplexer/demultiplexer, where the optical module includes: at least one electrical interface and at least one optical interface; the wavelength division multiplexer/demultiplexer includes: a first interface and a second interface; the panel is disposed on an edge of the mainboard; the electrical interface is electrically connected to the mainboard; the optical interface faces a direction that is from the edge of the mainboard to an interior of the mainboard and that is parallel to the mainboard, and the optical interface is connected to the first interface; and the wavelength division multiplexer/demultiplexer is disposed on the mainboard, the second interface is configured to connect to a feeder fiber, and the feeder fiber is configured to connect an optical network device at a sending end and an optical network device at a receiving end. Technical solutions of the embodiments of the present invention can improve space utilization efficiency of an optical network device, and reduce optical fibers outside the optical network device, thereby reducing management difficulty.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1735/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHANNEL RESOURCE ALLOCATION METHOD DEVICE BASE STATION AND USER EQUIPMENT

(51) International classification :H04W28/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/088138
Filing Date :31/12/2012
(87) International Publication No :WO 2014/101235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Xiaoxia
2)LI Jian

(57) Abstract :
A method and an apparatus for configuring a channel resource, a base station, and a user equipment are disclosed. The method includes: determining load information of a cell; when it is determined, according to the load information, that the cell reaches a congested state, configuring channel resource configuration information for a new user equipment accessing the cell, where the channel resource configuration information includes: a first DPCH Pilot bit transmit power offset and/or a first number of pilot bits, the first DPCH Pilot bit transmit power offset is smaller than a DPCH Pilot bit transmit power offset configured for a user equipment in a non-congested state, and the first number of Pilot bits is smaller than a number of Pilot bits that is configured for a user equipment in a non-congested state, and sending the channel resource configuration information to the new user equipment. When a load of the cell is high, transmit power occupied by a downlink DPCH channel is reduced, thereby improving downlink throughput of the cell and reducing a call drop rate.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1660/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EVALUATION AND TREATMENT OF BRADYKININ MEDIATED DISORDERS

(51) International classification :C07K16/40
(31) Priority Document No :61/754607
(32) Priority Date :20/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012107
Filing Date :17/01/2014
(87) International Publication No :WO 2014/113712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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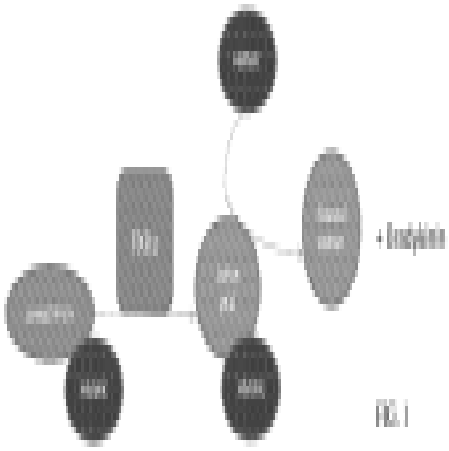
2)FAUCETTE Ryan
3)KENNISTON Jon A.
4)CONLEY Greg
5)NIXON Andrew
6)TENHOOR Christopher
7)ADELMAN Burt
8)CHYUNG Yung

(57) Abstract :
The present disclosure provides methods of evaluating a subject e.g. a subject at risk for or suffering from a pKal mediated or bradykinin mediated disorder based on values (e.g. percentages) of intact and/or cleaved kininogen in a sample of the subject. Provided methods permit analysis of patients with plasma kallikrein mediated angioedema (KMA) or other diseases mediated by pKal useful in the evaluation and treatment. Such methods can involve the use of a detection agent that preferentially binds cleaved kininogen or intact kininogen.



No. of Pages : 99 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1746/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SIGNAL PROCESSING METHOD AND DEVICE

(51) International classification :H04W72/04,H04W88/00,H04B1/76
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/087652
Filing Date :27/12/2012
(87) International Publication No :WO 2014/101040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHANG Wen
2)LV Yongxia

(57) Abstract :
Provided are a signal processing method and device. The method comprises: sending a first data signal and receiving a second data signal in a first RB in a first subframe; and in the first RB also sending a first reference signal according to first reference information and receiving a second reference signal according to second reference information wherein the first reference information is different from the second reference information the first reference information comprises a time frequency resource location occupied by the first reference signal and sequence information about the first reference signal and the second reference information comprises a time frequency resource location occupied by the second reference signal and sequence information about the second reference signal. The present invention ensures the correct receiving of reference signals.

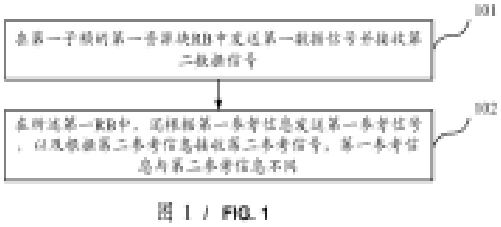

图 1 / FIG. 1

101 SENDING A FIRST DATA SIGNAL AND RECEIVING A SECOND DATA SIGNAL IN A FIRST RESOURCE BLOCK (RB) IN A FIRST SUBFRAME
102 IN THE FIRST RB, ALSO SENDING A FIRST REFERENCE SIGNAL ACCORDING TO FIRST REFERENCE INFORMATION AND RECEIVING A SECOND REFERENCE SIGNAL ACCORDING TO SECOND REFERENCE INFORMATION, THE FIRST REFERENCE INFORMATION BEING DIFFERENT FROM THE SECOND REFERENCE INFORMATION

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1747/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTHENTICATION METHOD DEVICE AND SYSTEM

(51) International classification :H04L9/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/087794
Filing Date :28/12/2012
(87) International Publication No :WO 2014/101084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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1)CHENG Biao

(57) Abstract :
Embodiments of the present invention, relating to the field of communications, provide a method, a device, and a system for authentication, which can avoid the problem of password disclosure caused by that authentication password information is manually input or authentication password information is not changed within a long time period and improve authentication password information security. The method includes: generating, by a network information management system, first password information and delivering a first notification message carrying the first password information to an optical line terminal, so that the first notification message delivered by the network information management system is transparently sent to an optical network unit through the optical line terminal; and implementing, by the optical network unit, authentication with the optical line terminal according to the first password information in the first notification message. The network information management system periodically updates the first password information. The embodiments of the present invention are used for update of authentication information.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1748/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A DATA OPTIMIZATION TECHNIQUE FOR THE EXCHANGE OF DATA AT THE EDGE OF A WIRELESS LOCAL AREA NETWORK

(51) International classification :H04L12/28
(31) Priority Document No :13/729442
(32) Priority Date :28/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/090699
Filing Date :27/12/2013
(87) International Publication No :WO 2014/101831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAFAVI Saeid
2)MURTHY Shree

(57) Abstract :
An apparatus for the transmission of management and/or control traffic in a network, comprising a memory configured to store a first record of management and/or control data from a previous interval, and a processor coupled to the memory, wherein the processor is configured to retrieve the first record, receive a second record of the network management and/or control data for a current interval, and generate a differential of the first and second records.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1644/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF MANAGING EXTERNAL DEVICES METHOD OF OPERATING EXTERNAL DEVICE HOST DEVICE MANAGEMENT SERVER AND EXTERNAL DEVICE

(51) International classification	:H04L12/12
(31) Priority Document No	:1020120147725
(32) Priority Date	:17/12/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/011565 :13/12/2013
(87) International Publication No	:WO 2014/098415
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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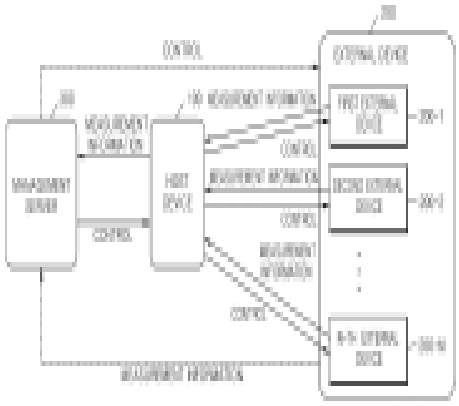
(72)**Name of Inventor :**
1)SHIN Hang sik

(57) Abstract :
Provided is a method of a host device managing at least one external device connected to the host device through a management server. The method includes: obtaining measurement information measured by the at least one external device; requesting authorization by the management server; transmitting the obtained measurement information to the management server when the authentication succeeds; receiving management information for managing the at least one external device where the management information is generated based on the measurement information by the management server; and managing the at least one external device based on the received management information.



No. of Pages : 104 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015
(21) Application No.1645/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1 ([1 3]DIOXOLAN 4 YLMETHYL) 1H PYRAZOL 3 YLAMINE

(51) International classification :C07D403/12,C07D405/06
(31) Priority Document No :PCT/CN2012/087380
(32) Priority Date :25/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/077563
Filing Date :20/12/2013
(87) International Publication No :WO 2014/102164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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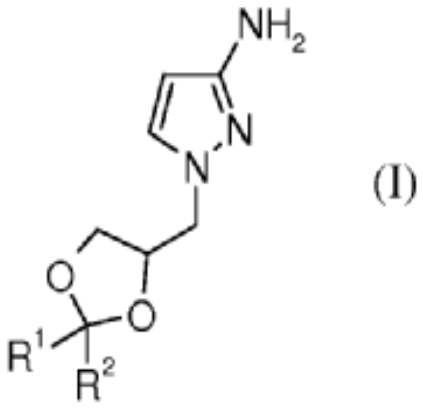
1)CHEN Junli
2)REN Yi
3)SHE Jin
4)WANG Lin

(57) Abstract :
12The present invention relates to a novel process for the preparation of of the formula (I) (I) wherein R and R are described herein. The compounds prepared by the present invention are useful in the synthesis and manufacture of compounds for treating diseases or conditions associated with inhibiting actin polymerization.



(I)

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1646/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRIORITIZING RADIO ACCESS TYPES FOR CLOSED SUBSCRIBER GROUP CELLS

(51) International classification :H04W48/20
(31) Priority Document No :61/753872
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012101
Filing Date :17/01/2014
(87) International Publication No :WO 2014/113707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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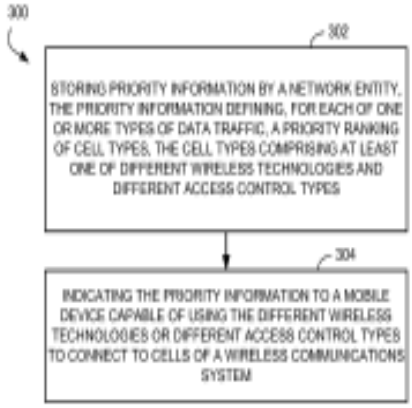
(72)**Name of Inventor :**
1)FACCIN Stefano
2)HORN Gavin Bernard

(57) Abstract :
A network entity may be configured for prioritizing radio access types for CSG cells of a wireless communication system by storing priority information defining for each of one or more types of data traffic (e.g. IP traffic voice traffic etc.) a priority ranking of cell types comprising at least one of different wireless technologies and different access control types (e.g. a CSG mode a hybrid mode and an open mode) and indicating the priority information to a mobile device for connecting to cells of a wireless communications system. A corresponding mobile entity may be configured for receiving the priority information as described and selecting a cell to connect to or camp on based on the priority information.



No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1752/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING INFORMATION BASED ON CONTEXT AND COMPUTER READABLE RECORDING MEDIUM THEREOF

(51) International classification :G06F3/048,G06F9/44,G06F15/16
(31) Priority Document No :1020120142238
(32) Priority Date :07/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010832
Filing Date :27/11/2013
(87) International Publication No :WO 2014/088253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JEON Hee chul
2)KIM Jung ho
3)PARK Yong gook
4)CHOI Seung eok

(57) Abstract :
A method and system for providing information that enables easier and quicker access to an item related to a context of a device, and a computer-readable recording medium thereof are provided. The method includes detecting a context of a device, and displaying at least one virtual space corresponding to the detected context on a screen of the device. The virtual space is a Graphic User Interface (GUI) that is configured to register the detected context and information related to at least one item.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1753/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING VIDEO DATA

(51) International classification :H04N7/24
(31) Priority Document No :1020120139825
(32) Priority Date :04/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011134
Filing Date :04/12/2013
(87) International Publication No :WO 2014/088303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DOROGOVTSEV Dmytro
3)KOSHEL Maksym
4)VOLKOVA Svitlana
5)SKAKUN Anton
6)RYZHYKOVA Daria

(57) Abstract :
A method of compressing video signal data via three-dimensional (3D) transformation, and decoding the compressed video signal data. The method includes: receiving transformation coefficients included in video signal data compressed via 3D transformation; selecting at least one transformation coefficient from among the received transformation coefficients based on a reproducing capability of a device for reproducing the video signal data; and decoding the compressed video signal data to video signal data in a spatial domain by 3D inverse transforming the compressed video signal data using the selected at least one transformation coefficient.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.1576/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF TREATING HAIR AGEING

(51) International classification :A61Q7/00,A61K8/46,A61K8/49
(31) Priority Document No :12198662.4
(32) Priority Date :20/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074936
Filing Date :28/11/2013
(87) International Publication No:WO 2014/095289
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BHOGAL Ranjit Kaur
2)HASLAM Iain Stuart
3)JENKINS Gail
4)PAUS Ralf Ludwig
5)SAWICKA Magdalena
6)WAINWRIGHT Linda Jane

(57) Abstract :
Hair ageing is a major age related consumer issue (hair loss thinning hair loss of shine increased number of grey hairs etc). Biological routes for hair growth or preventing hair greying provide effective opportunities to target consumer hair issues. Currently Minoxidil „ and Finasteride„ are the only clinically proven mildly effective products available for hair growth and both are classified as medicines and therefore not suitable for cosmetic use. The identification of cosmetic ingredients which are able to boost hair growth maintain anagen and/or prevent catagen may prove to be effective anti ageing treatments to prevent or attenuate some of the symptoms associated with hair ageing. This invention relates to a method of treating hair ageing. In particular the method relates to treating hair ageing through application to hair fibres of a composition comprising a nuclear factor erythroid 2 related factor 2 (also known as NFE2L2or Nrf2) agonist.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1668/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CALCIUM SULPHATE BASED PRODUCTS

(51) International classification :C04B28/14,C04B103/63,C04B111/00
(31) Priority Document No :1223312.8
(32) Priority Date :21/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/077315
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FISHER Robin

(57) Abstract :
This invention relates to improved high temperature resistant calcium sulphate based products e.g. gypsum wallboard products and in particular to products having reduced shrinkage at high temperatures. The invention provides calcium sulphate based product comprising gypsum and a shrinkage resistance additive. The shrinkage resistance additive is melamine polyphosphate or melamine pyrophosphate.

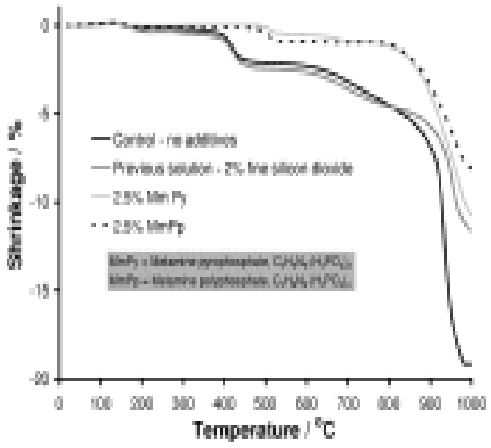

Figure 3

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1669/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUID FLOW PLATE FOR A FUEL CELL

(51) International classification :H01M8/02
(31) Priority Document No :1223453.0
(32) Priority Date :27/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053344
Filing Date :18/12/2013
(87) International Publication No :WO 2014/102533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOOD Peter David
2)ADCOCK Paul Leonard

(57) Abstract :
The invention relates to bipolar plates for electrochemical fuel cell assemblies and in particular to configurations of bipolar plates allowing for multiple fluid flow channels for the passage of anode cathode and coolant fluids. Embodiments disclosed include a bipolar plate (10) for an electrochemical fuel cell assembly comprising: a first plurality of fluid flow channels (13) extending across a first face of the bipolar plate between first inlet and outlet ports (18a 18b) at opposing ends of the bipolar plate; a second plurality of fluid flow channels (22) extending across a second opposing face of the bipolar plate between second inlet and outlet ports (21a 21b) at opposing ends of the bipolar plate; and a third plurality of fluid flow channels (14) extending between third inlet and outlet ports (19a 19b) at opposing ends of the bipolar plate the third plurality of fluid flow channels provided between first and second corrugated plates (11 12) forming the first and second opposing faces of the bipolar plate wherein the first second and third fluid flow channels are coplanar.

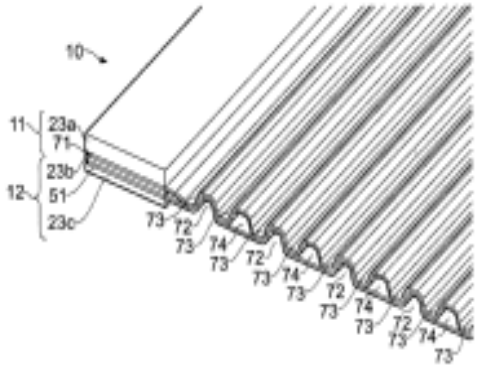

FIG.7

No. of Pages : 41 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1767/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COVER TAPE FEED DEVICE

(51) International classification :B29D30/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/050800
Filing Date :17/01/2013
(87) International Publication No :WO 2014/112069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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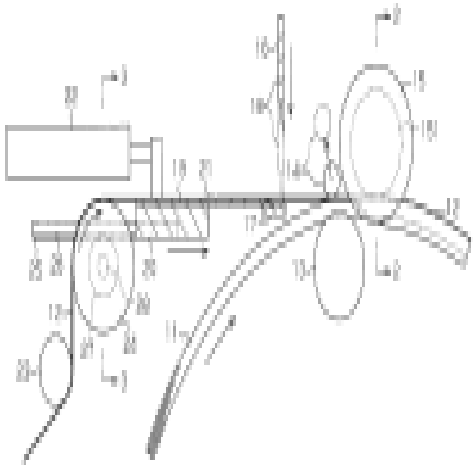
Address of Applicant :60 Hirakata 13 chome Fukuju cho Hashima shi Gifu 5016257 Japan
2)FUJI SHOJI CO. LTD.
(72)**Name of Inventor :**
1)OGUCHI Hiroshi

(57) Abstract :
Provided is a cover tape feed device (19) for feeding a cover tape (12) to the surface of a bead core (11). The cover tape feed device (19) is provided with a transportation member (21) capable of reciprocatingly moving between the advanced position and the retracted position. The transportation member (21) moves from the retracted position to the advanced position in a state of supporting the cover tape (12) and transports the cover tape (12) onto the surface of the bead core (11). The cover tape feed device (19) is provided with: a guide roller (24) for guiding the feeding of the cover tape (12) the guide roller (24) being rotatably disposed at a position further from the bead core (11) than the transportation member (21); and a transmission mechanism (25) for converting the movement of the transportation member (21) from the retracted position to the advanced position into a rotation of the guide roller (24) in the tape feed direction.



No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1675/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY DEVICE AND METHOD OF CONTROLLING THE SAME

(51) International classification :G06F3/0481,G06F3/041,G06F3/14
(31) Priority Document No :61/734097
(32) Priority Date :06/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/011309
Filing Date :06/12/2013
(87) International Publication No :WO 2014/088375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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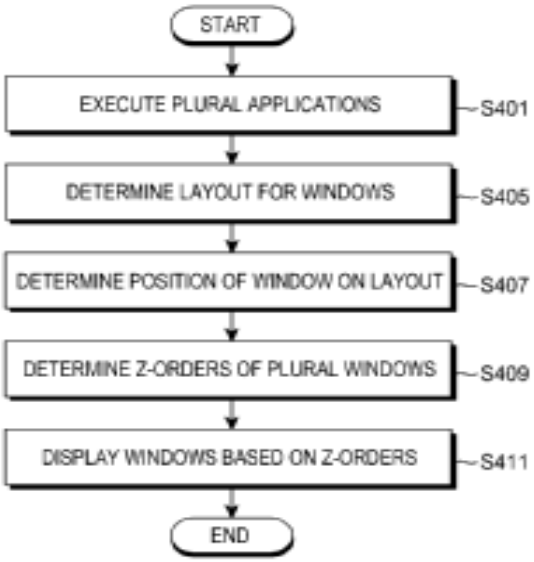
3)PARK Dae Wook
4)KIM Tae Soo
5)CHOI Jung Hwan
6)KIM Sung Hee

(57) Abstract :
A display device with a touch screen which executes at least one application and a method for controlling the display device are provided. The method includes receiving an application execution command to execute at least one application determining at least one of a size and a position of a window that executes the at least one application according to a position at which the application execution command is input and displaying the window according to the at least one of the size and position of the window.



No. of Pages : 114 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015
(21) Application No.1676/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEAWATER DESALTING APPARATUS AND METHOD USING SOLAR ENERGY FOR CONTINUOUSLY SUPPLYING HEAT

(51) International classification :C02F1/14,C02F9/10,C02F1/06
(31) Priority Document No :201210569476.8
(32) Priority Date :25/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087184
Filing Date :15/11/2013
(87) International Publication No :WO 2014/101580
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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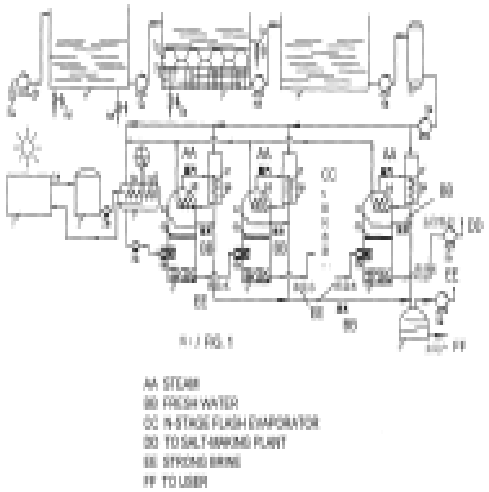
(72)**Name of Inventor :**
1)CHEN Yilong
2)YANG Qingping
3)ZHANG Yanfeng

(57) Abstract :
Provided is a seawater desalting apparatus using solar energy for continuously supplying heat comprising a seawater purifying system and a seawater desalting system wherein the seawater purifying system consists of an extraction seawater well (6a) a seawater sterilizing clarification pool (6) a multi stage ultra filter pool (7) and a purified seawater pool (8); and the seawater desalting system consists of a solar energy concentration and heat collection apparatus (1) a solar energy heat storage tank (2) a purified seawater heater (3) and a multi stage seawater flash evaporator. The solar energy concentration and heat collection apparatus (1) collects sunlight heat energy via a heat conducting working medium during daytime stores the sunlight heat energy in the solar energy heat storage tank (2) and then heats the purified seawater via the heat conducting working medium to a certain temperature; the hot seawater is conveyed to the multi stage flash evaporator and sprayed and evaporated stage by stage and fresh water and brine are separated out. Also disclosed is a seawater desalting method using solar energy for continuously supplying heat. The seawater desalting apparatus using solar energy for continuously supplying heat can effectively collect relatively scattered solar energy to heat and evaporate seawater the quality of the resulting fresh water reaches the drinking water standards and solar energy is stored to allow continuous operation to produce fresh water.



No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1770/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DENTAL PRESSING FURNACE

(51) International classification :A61C13/20,F27B17/02
(31) Priority Document No :13157042.6
(32) Priority Date :27/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/052279
Filing Date :06/02/2014
(87) International Publication No :WO 2014/131588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JUSSEL Rudolf

(57) Abstract :
The invention relates to a dental pressing furnace for producing a dental restoration element in a muffle (8) by heating an pressing a blank (14). The dental pressing furnace comprises a combustion chamber (6) comprising at least one guide opening (11) that is opened towards the outside and a pressing stamp (4) guided in the guiding opening (11) and protruding into the combustion chamber (6) for applying pressing force to the heated blank (14) in the muffle (8). A temperature transmitter (36) guided at least in part by the pressing stamp (4) is configured to guide a temperature (50) of the blank (14) in the combustion chamber (6) from said combustion chamber and a temperature sensor (34) connected to the temperature transmitter (36) outside of the combustion chamber captures the temperature (50).

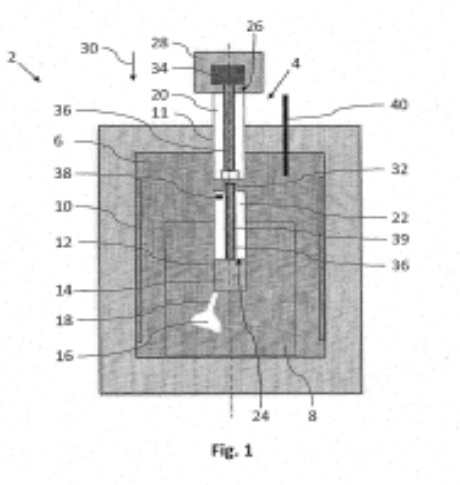

Fig. 1

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015
(21) Application No.1771/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUDIO PROVIDING APPARATUS AND AUDIO PROVIDING METHOD

(51) International classification :H04S5/00,H04S7/00
(31) Priority Document No :61/732939
(32) Priority Date :04/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/011182
Filing Date :04/12/2013
(87) International Publication No :WO 2014/088328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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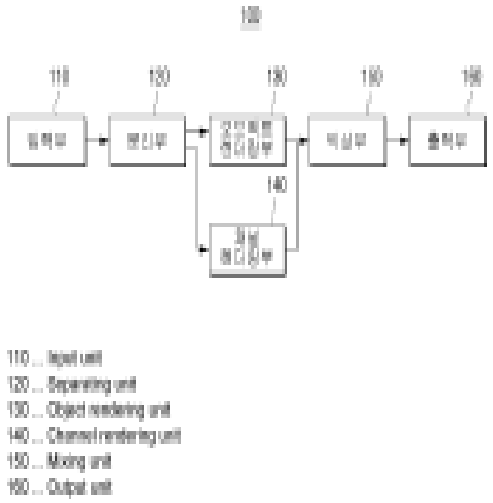
1)JO Hyun
2)KIM Sun min
3)PARK Jae ha
4)CHON Sang bae

(57) Abstract :
Provided are an audio providing apparatus and an audio providing method. The present audio providing apparatus includes: an object rendering unit that renders an object audio signal using track information about the object audio signal; a channel rendering unit that renders an audio signal having a first channel number into an audio signal having of a second channel number; and a mixing unit that mixes the rendered object audio signal and the audio signal having the second channel number.

[Fig. 1]



110 ... Input unit
120 ... Separating unit
130 ... Object rendering unit
140 ... Channel rendering unit
150 ... Mixing unit
160 ... Output unit

No. of Pages : 52 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015

(21) Application No.1776/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING INVOKING OF HARDWARE INSTRUCTION

(51) International classification :G06F9/45
(31) Priority Document No :201210571671.4
(32) Priority Date :24/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078855
Filing Date :05/07/2013
(87) International Publication No :WO 2014/101384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAI Song
3)LI Zhengquan
4)HUANG Sanpeng
5)HAN Xiaoping
6)HU Xiaomin

(57) Abstract :
Disclosed are a method and a system for controlling invoking of a hardware instruction. The method comprises: receiving a hardware instruction; determining whether the received hardware instruction is a legal instruction; and when it is determined that the received hardware instruction is a legal instruction sending the hardware instruction to a corresponding hardware device. In this application the legality of the hardware instruction is checked before the hardware instruction is sent to the hardware device and only a legal hardware instruction can be sent to the hardware device for execution thereby avoiding sending an illegal operation to the hardware device for execution and improving the security of the hardware device.

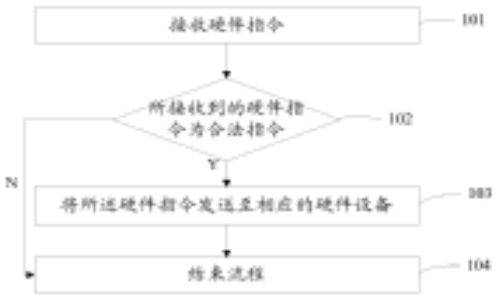

图 1 / FIG. 1

101 RECEIVE A HARDWARE INSTRUCTION
102 DETERMINE WHETHER THE RECEIVED HARDWARE INSTRUCTION IS A LEGAL INSTRUCTION
103 SEND THE HARDWARE INSTRUCTION TO A CORRESPONDING HARDWARE DEVICE
104 END THE PROCESS

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015
(21) Application No.1777/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SMALL FORM FACTOR MAGNETIC SHIELD FOR MAGNETORESTRICTIVE RANDOM ACCESS MEMORY (MRAM)

(51) International classification :H01L23/552,H01L23/64,H01L43/02
(31) Priority Document No :61/762428
(32) Priority Date :08/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014214
Filing Date :31/01/2014
(87) International Publication No :WO 2014/123783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG Rongtian
3)RAMACHANDRAN Vidhya
4)KIM Dong Wook

(57) Abstract :
Some implementations provide a die that includes a magnetoresistive random access memory (MRAM) cell array that includes several MRAM cells. The die also includes a first ferromagnetic layer positioned above the MRAM cell array a second ferromagnetic layer positioned below the MRAM cell array and several vias positioned around at least one MRAM cell. The via comprising a ferromagnetic material. In some implementations the first ferromagnetic layer the second ferromagnetic layer and the several vias define a magnetic shield for the MRAM cell array. The MRAM cell may include a magnetic tunnel junction (MTJ). In some implementations the several vias traverse at least a metal layer and a dielectric layer of the die. In some implementations the vias are through substrate vias. In some implementations the ferromagnetic material has high permeability and high B saturation.

No. of Pages : 53 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015

(21) Application No.1778/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FMCW RADAR LEVEL GAUGE WITH LOCK STATE CONTROL

(51) International classification :G01F23/284
(31) Priority Document No :13/788700
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054218
Filing Date :05/03/2014
(87) International Publication No :WO 2014/135565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KLEMAN Mikael

(57) Abstract :
The present invention relates to a radar level gauge system comprising PLL circuitry for generating an output signal. The PLL circuitry is configured to indicate a lock state of the PLL circuitry; and signal modifying circuitry is connected to the PLL circuitry for receiving the output signal and for modifying at least one property of the output signal for forming the transmit signal. The signal modifying circuitry is arranged and configured to receive a PLL status signal indicative of the lock state of the PLL circuitry and to modify the at least one property of the output signal in response to the PLL status signal indicating that the PLL circuitry is in a locked state.

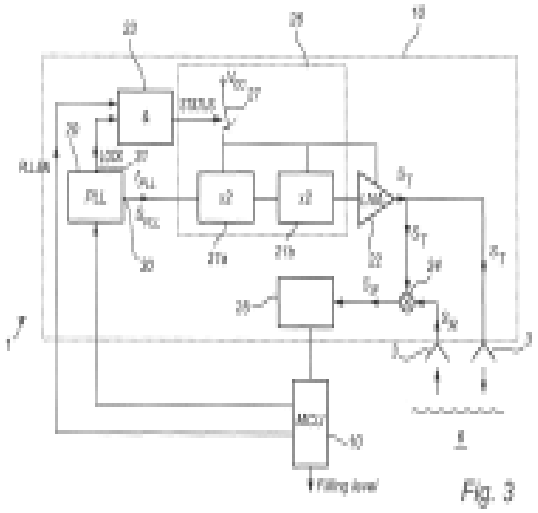

Fig. 3

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015

(21) Application No.1779/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IN SUBSTRATE COUPLED INDUCTOR STRUCTURE

(51) International classification :H01F27/28
(31) Priority Document No :61/764310
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015380
Filing Date :07/02/2014
(87) International Publication No :WO 2014/126812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DOYLE James Thomas
2)MAHMOUDI Farsheed
3)SHAYAN ARANI Amirali

(57) Abstract :
Some novel features pertain to an in substrate inductor structure that includes a first inductor winding a second inductor winding and a substrate. The first inductor winding includes an electrically conductive material. The second inductor winding includes an electrically conductive material. The substrate is laterally located between the first inductor winding and the second inductor winding. The substrate is configured to provide structural coupling of the first and second inductor windings. In some implementations the first inductor winding is laterally co planar to the second inductor winding. In some implementations the first inductor winding has a first spiral shape and the second inductor winding has a second spiral shape. In some implementations the first inductor winding and the second inductor winding have an elongated circular shape. In some implementations the substrate is a silicon substrate.

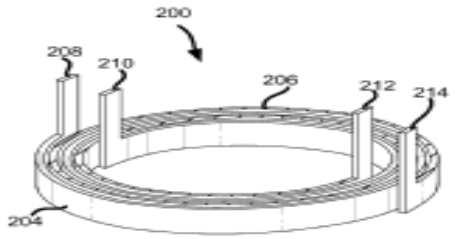

FIG. 2

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1671/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LANDMARK BASED POSITIONING WITH VERBAL INPUT

(51) International classification :G01C21/36,G01C21/20
(31) Priority Document No :13/752628
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010949
Filing Date :10/01/2014
(87) International Publication No :WO 2014/120410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DAS Saumitra Mohan
3)HOLM Eric K.

(57) Abstract :
Disclosed are systems apparatus devices methods computer program products and other implementations including a method that includes determining at a mobile device whether verbal input from a user is required to determine position of location of the user. The method also includes in response to a determination that the verbal input from the user is required to determine the position of the location of the user obtaining at the mobile device verbal description data representative of one or more geographic features viewable by the user from the location of the user identifying at the mobile device the one or more of the geographic features from the obtained verbal description data and determining at the mobile device positioning information for the location of the user based at least in part on the one or more geographic features identified from the verbal description data.

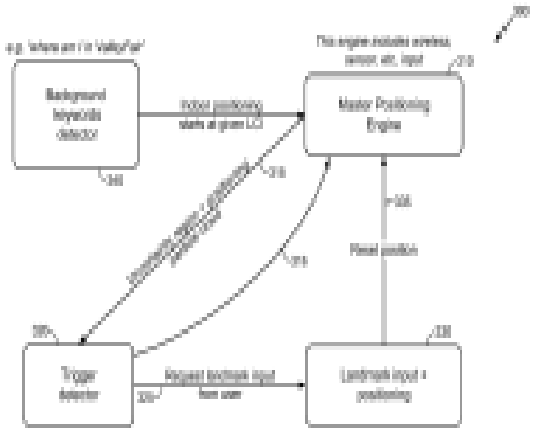

FIG. 1

No. of Pages : 63 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1672/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACCESS NETWORK NODE BASED BAROMETRIC REFERENCE PRESSURE NETWORK

(51) International classification :G01C5/06
(31) Priority Document No :61/751920
(32) Priority Date :13/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/078506
Filing Date :31/12/2013
(87) International Publication No :WO 2014/109936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BURROUGHS Kirk Allan
3)GARIN Lionel Jacques
4)EDGE Stephen William
5)WILSON Bruce Everett
6)PUIG Carlos Manuel

(57) Abstract :
Systems apparatus and methods for populating and using a pressure database to determine an altitude of a unit with an unknown altitude are presented. A pressure from one or more barometric pressure sensors linked to respective base stations are interpolated to determine a reference pressure (e.g. at sea level) at arbitrary coordinates (x y) having pressure reading. For example a mobile station at the arbitrary coordinates (x y) records a pressure at the mobile station. A difference between this pressure at the mobile station and the interpolated reference pressure is determined which may directly be interpreted as a defined altitude of the mobile station.

FIG. 9

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1773/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ELEMENTS WIRELESS COMMUNICATION SYSTEM AND METHODS THEREFOR

(51) International classification	:H04W24/02,H04L29/06,H04W84/04
(31) Priority Document No	:1300244.9
(32) Priority Date	:08/01/2013
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2014/050134 :07/01/2014
(87) International Publication No	:WO 2014/108390
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)PIERCY Neil Philip

(57) Abstract :
Measurement reports from only those wireless communication units (109 110) included in a preferred user list (107) are used to automatically configure cell parameters such as a pilot channel transmission power level in an open access cell served by an access point (103). The preferred user list (107) may be created by monitoring wireless communication unit behaviour and assigning to the list those units which remain attached to the access point (103) for long periods of time.

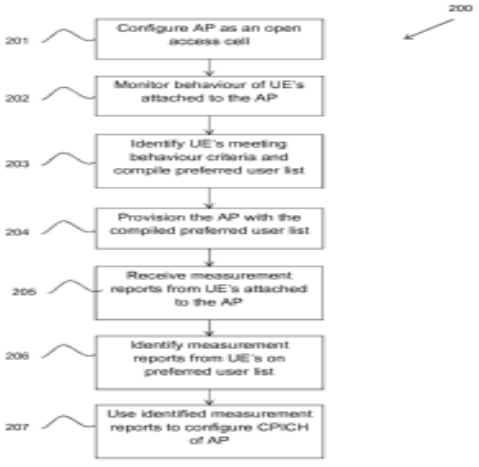

FIG. 2

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015
(21) Application No.1774/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION SEARCH METHOD AND DEVICE AND COMPUTER READABLE RECORDING MEDIUM THEREOF

(51) International classification :G06F3/048,G06F3/03,G06F3/041
(31) Priority Document No :1020120146408
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011469
Filing Date :11/12/2013
(87) International Publication No :WO 2014/092451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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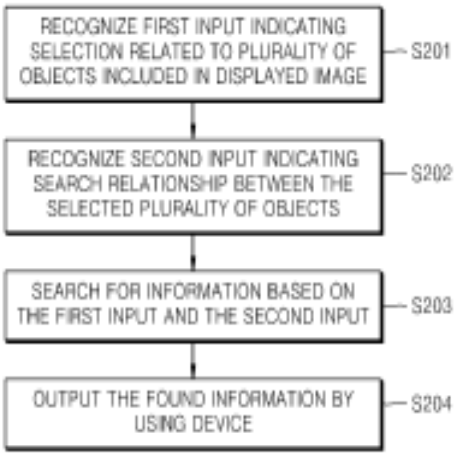
(72)**Name of Inventor :**
1)JIN Sun mi
2)KWEON Ji hyeon

(57) Abstract :
An intuitive information search method and device based on a displayed image and a computer readable recording medium thereof. The information search method based on an image displayed on a device includes recognizing a first input indicating a selection related to a plurality of objects included in the image recognizing a second input indicating a search relationship between the selected plurality of objects and searching for information based on the first input and the second input; and outputting found information through the device.



No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015
(21) Application No.1775/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE CONTROL METHOD FOR REGISTERING DEVICE INFORMATION OF PERIPHERAL DEVICE AND DEVICE AND SYSTEM THEREOF

(51) International classification :H04L12/12
(31) Priority Document No :1020120145710
(32) Priority Date :13/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011442
Filing Date :11/12/2013
(87) International Publication No :WO 2014/092441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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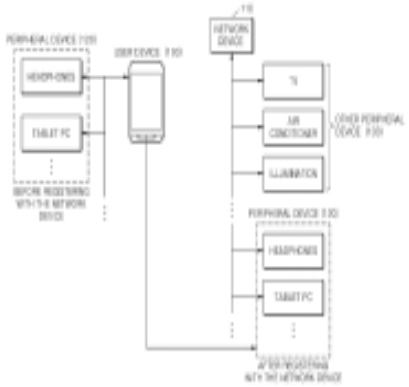
1)KIM Sung won
2)KO Jae woo

(57) Abstract :
A method a device and a system enabling an external device to control a peripheral device by using device information stored in a network device. The device control method includes obtaining device information regarding the first peripheral device wherein the obtaining is performed by the user device; transmitting the device information regarding the first peripheral device to the network device wherein the transmitting is performed by the user device; storing the device information wherein the storing is performed by the network device; and controlling the first peripheral device by using the device information wherein the controlling is performed by a second peripheral device connected to the network device.



No. of Pages : 75 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015

(21) Application No.1782/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPLICATION OF MALTOTRIOSE COATED 4TH GENERATION POLYPROPYLENEIMINE DENDRIMER PPI G4 OS MAL III

(51) International classification :A61K31/785,A61K47/48,A61P35/00
(31) Priority Document No :P401936
(32) Priority Date :06/12/2012
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2013/000163
Filing Date :06/12/2013
(87) International Publication No :WO 2014/088435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ul.Narutowicza 65 PL 90 131 L³dz Poland
(72)**Name of Inventor :**
1)FRANIAK PIETRYGA Ida
2)BRYSZEWSKA Maria
3)APPELHANS Dietmar
4)KLAJNERT Barbara

(57) Abstract :
The application of maltotriose coated 4th generation polypropyleneimine dendrimer PPI G4 OS Mal lll containing 25 45% of peripherial amines groups coated with maltotriose particles to make a drug for treating neoplastic proliferation diseases particularly chronic lymphocytic leukemia.

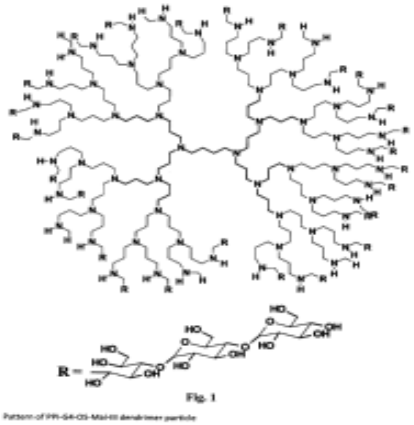


Fig. 1

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015

(21) Application No.1783/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR CONTACTLESSLY DETERMINING THE TEMPERATURE OF A MOVING OBJECT HAVING AN UNKNOWN DEGREE OF EMISSION

(51) International classification :G01J5/00,G01J5/08
(31) Priority Document No :10 2012 024 418.5
(32) Priority Date :14/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/076553
Filing Date :13/12/2013
(87) International Publication No :WO 2014/090994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIKORA AG
Address of Applicant :Bruchweide 2 28307 Bremen Germany
(72)**Name of Inventor :**
1)SIKORA Harald
2)PARGA GARCIA Abraham

(57) Abstract :
The invention relates to a method for contactlessly determining the temperature of a moving object having an unknown degree of emission in particular a metal wire that is conveyed along its longitudinal axis comprising the following steps: the object is guided through at least one radiation source emitting heat the object being predominantly or completely surrounded by the at least one radiation source; at least one radiation detector is provided to carry out a spatially resolved heat radiation measurement in an area that has been passed by the object during its guidance through the radiation source; the temperature of the moving object is determined on the basis of the spatially resolved heat radiation measurement. The invention further relates to a corresponding device.

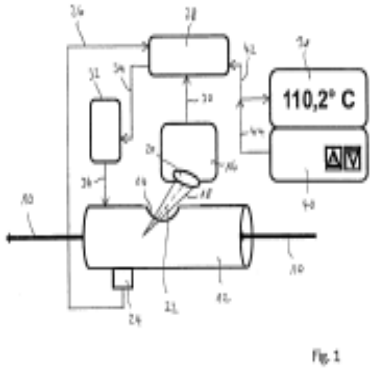


Fig. 1

No. of Pages : 30 No. of Claims : 34

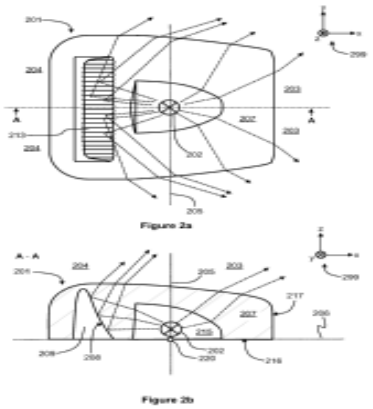
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2015
(21) Application No.1784/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHT GUIDE ELEMENT FOR MODIFYING THE LIGHT DISTRIBUTION PATTERN OF A LIGHT SOURCE

(51) International classification :G02B19/00,G02B17/08,F21V5/08
(31) Priority Document No :20135031
(32) Priority Date :10/01/2013
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2014/050008
Filing Date :07/01/2014
(87) International Publication No :WO 2014/044926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEDIL OY
Address of Applicant :Salorankatu 10 FI 24240 Salo Finland
(72)**Name of Inventor :**
1)LAAKKIO Olli Pekka

(57) Abstract :
A light guide element (201) for modifying a light distribution pattern of a light source (202) is presented. The light source radiates first light beams to a first quarter space (203) and second light beams to a second quarter space (204) where the first and second quarter spaces are defined by mutually perpendicular spatial planes (xy xz) and one (xy) of the spatial planes constitutes a planar boundary between the first and second quarter spaces. The light guide element comprises transparent material (207) on a route of the first light beams for modifying the light distribution pattern of the first light beams and a reflective surface (208) for reflecting at least a part of the second light beams to the first quarter space. A surface of solid material on a route of the second light beams comprises grooves (213) for spreading the light distribution pattern of the second light beams in the direction (±y) of the section line between the spatial planes.



No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2015

(21) Application No.1785/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHROMATOGRAPHIC METHOD FOR ISOLATING AND PURIFYING HIGH PURITY RECOMBINED HUMAN SERUM ALBUMIN

(51) International classification :C07K1/18,C07K14/765
(31) Priority Document No :201210559390.7
(32) Priority Date :21/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/075405
Filing Date :09/05/2013
(87) International Publication No :WO 2014/094406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WUHAN HEALTHGEN BIOTECHNOLOGY CORP
Address of Applicant :#666 Gaoxin Avenue East Lake High Tech Development Zone Wuhan Hubei 430079 China
(72)**Name of Inventor :**
1)YANG Daichang
2)SHI Bo
3)SHI Qianni
4)OU Jiquan
5)LIU Jingru

(57) Abstract :
Disclosed is a chromatographic method for isolating and purifying high purity recombined human serum albumin comprising: conducting cation exchange chromatography on recombined human serum albumin and adding alcohol to a buffer solution to remove endotoxin so as to obtain a primary product I; conducting hydrophobic composite filler/anion exchange chromatography on the primary product I to obtain an intermediate product II; conducting hydrophobic chromatography on the intermediate product II to obtain the target product the purified high purity recombined human serum albumin. The purity of the recombined human serum albumin obtained by isolating and purifying with the chromatographic method of the present invention is greater than 99.9999% and the content of the endotoxin meets the criteria stipulated by Chinese pharmacopoeia.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2015

(21) Application No.1697/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CANNULA FOR MINIMIZING DILUTION OF DOSING DURING NITRIC OXIDE DELIVERY

(51) International classification	:A61M15/08,A61M16/00,A61M16/06
(31) Priority Document No	:61/733134
(32) Priority Date	:04/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/073082 :04/12/2013
(87) International Publication No	:WO 2014/089188
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)INO THERAPEUTICS LLC
Address of Applicant :Perryville III Corporate Park 53 Frontage Road Third Floor Hampton New Jersey 08827 9001 U.S.A.
(72)**Name of Inventor :**
1)FLANAGAN Craig
2)FREED Simon
3)KLAUS John
4)KOHLMANN Thomas
5)MEGLASSON Martin D.
6)NAIDU Manesh
7)SHAH Parag

(57) Abstract :
The present invention generally relates to amongst other things systems devices materials and methods that can improve the accuracy and/or precision of nitric oxide therapy by for example reducing the dilution of inhaled nitric oxide (NO). As described herein NO dilution can occur because of various factors. To reduce the dilution of an intended NO dose various exemplary nasal cannulas pneumatic configurations methods of manufacturing and methods of use etc. are disclosed.

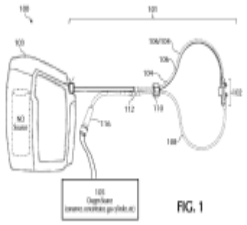


FIG. 1

No. of Pages : 97 No. of Claims : 30

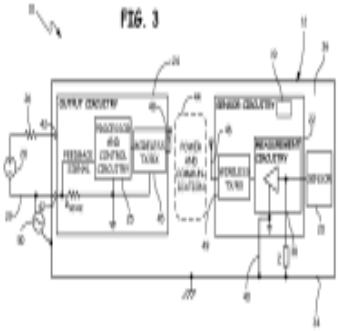
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015
(21) Application No.1698/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS INTERFACE WITHIN TRANSMITTER

(51) International classification :G01D21/00
(31) Priority Document No :13/835074
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013774
Filing Date :30/01/2014
(87) International Publication No :WO 2014/143429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT INC.
Address of Applicant :8200 Market Boulevard Chanhassen MN 55317 U.S.A.
(72)**Name of Inventor :**
1)KOROLEV Eugene

(57) Abstract :
A process transmitter (12) is configured to measure a process variable of an industrial process. The process transmitter (12) includes a process variable sensor (20) which senses the process variable and responsively provides a process variable sensor output. Sensor circuitry (22) is coupled to the process variable sensor (20). A housing (34) encloses the sensor circuitry and the output circuitry (24). The sensor circuitry (22) electrical couples to the housing (34). The sensor circuitry (22) wirelessly communicates with the output circuitry (24).



No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1699/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : QUALITY OF SERVICE FOR WEB CLIENT BASED SESSIONS

(51) International classification :H04W28/02
(31) Priority Document No :61/760789
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013644
Filing Date :29/01/2014
(87) International Publication No :WO 2014/123738
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SANTHANAM Arvind
2)ANCHAN Kirankumar
3)PALADUGU Karthika
4)MAGGENTI Mark

(57) Abstract :
The disclosure generally relates to network initiated and client initiated mechanisms to enable quality of service (QoS) for web based client applications that may high efficiency high performance or otherwise guaranteed service levels. For example to enable QoS for calls or other sessions associated a web based application one or more signaling messages may be exchanged between a server and a first user equipment (UE) to establish a call between the first UE and a second UE and to establish a peer connection between the server and at least the first UE. As such QoS may be activated for at least the peer connection between the first UE and the server wherein the server may route data associated with the web based application between the first UE and the second UE over the established peer connection to implement the activated QoS.

No. of Pages : 61 No. of Claims : 38

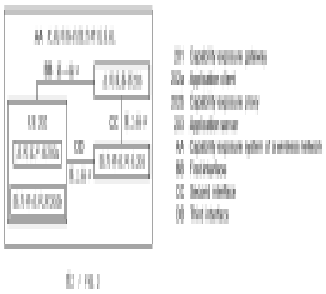
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015
(21) Application No.1799/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAPABILITY EXPOSURE SYSTEM GATEWAY PROXY AND METHOD OF WIRELESS NETWORK

(51) International classification :H04W48/02,H04W8/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/088129
Filing Date :31/12/2012
(87) International Publication No :WO 2014/101228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)LIU Qingshun
2)SHEN Zhimin
3)ZHOU Wentao
4)HAN Wenyong

(57) Abstract :
The present invention provides a capability exposure system a capability exposure gateway a capability exposure proxy and a capability exposure method of a wireless network. The system comprises a capability exposure gateway a UE and an application server. The UE comprises an application client and a capability exposure proxy. The application client exchanges service information with the application server through a first interface. The application server exchanges capability information of the wireless network with the capability exposure gateway through a second interface. The capability exposure proxy exchanges wireless environment related information with the capability exposure gateway through a third interface. In the embodiments of the present invention by adding the capability exposure proxy in the UE the capability exposure proxy can directly exchange wireless environment related information with the capability exposure gateway which avoids modification to a wireless access network and a wireless core network and simplifies network deployment.



No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1610/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BORONIC ACID DERIVATIVES AND THERAPEUTIC USES THEREOF

(51) International classification :A61K31/00,A61K31/69,C07F5/02
(31) Priority Document No :61/749210
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010106
Filing Date :02/01/2014
(87) International Publication No :WO 2014/107535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REMPEX PHARMACEUTICALS INC.
Address of Applicant :3033 Science Park Rd. Suite 200 San Diego CA 92121 U.S.A.
(72)**Name of Inventor :**
1)REDDY Raja
2)GLINKA Tomasz
3)TOTROV Maxim
4)HECKER Scott

(57) Abstract :
Disclosed herein are antimicrobial compounds compositions pharmaceutical compositions the use and preparation thereof. Some embodiments relate to boronic acid derivatives and their use as therapeutic agents. Other embodiments relate to pharmaceutical compositions containing boronic acid derivatives and additional excipient such as meglumine.

No. of Pages : 134 No. of Claims : 170

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

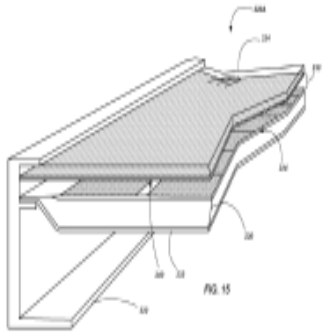
(21) Application No.1611/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS SYSTEMS AND METHODS FOR COLLECTING AND CONVERTING SOLAR ENERGY

(51) International classification :H01L31/055,H01L31/0216
(31) Priority Document No :61/745465
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076941
Filing Date :20/12/2013
(87) International Publication No :WO 2014/100595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOLARTRACK LLC
Address of Applicant :39 Broadway 37th Floor New York New York 10006 U.S.A.
(72)**Name of Inventor :**
1)BICKMORE William D.

(57) Abstract :
Nanoparticles are used to enhance the light gathering and converting abilities of a photo voltaic (PV) cell. The nanoparticles may be incorporated into a substrate and disposed a desired distance from the PV cell to create a plasmon. The nanoparticles may effect a wavelength shift (e.g. a red shift) to better align the wavelength of available light with the sensitivity of the PV cell. The nanoparticles may also be used to trap the light above the PV cell to effect better absorption of the light. The nanoparticles may include composite nanoparticles having for example a metallic core and a substantially transparent shell or coating about the core. The nanoparticles may be constructed to provide uniform distribution in a carrier medium.



No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2015

(21) Application No.1612/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BORONIC ACID DERIVATIVES AND THERAPEUTIC USES THEREOF

(51) International classification :A61K31/00,A61K31/69,C07F5/02
(31) Priority Document No :61/749204
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010107
Filing Date :02/01/2014
(87) International Publication No :WO 2014/107536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :3033 Science Park Rd. Suite 200 San Diego CA 92121 U.S.A.
(72)**Name of Inventor :**
1)REDDY Raja
2)GLINKA Tomasz
3)TOTROV Maxim
4)HECKER Scott

(57) Abstract :
Disclosed herein are antimicrobial compounds compositions pharmaceutical compositions the use and preparation thereof. Some embodiments relate to boronic acid derivatives and their use as therapeutic agents.

No. of Pages : 96 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015
(21) Application No.1793/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAMERA AIDED MOTION DIRECTION AND SPEED ESTIMATION

(51) International classification :G01C21/20,G01C22/00
(31) Priority Document No :13/767755
(32) Priority Date :14/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011687
Filing Date :15/01/2014
(87) International Publication No :WO 2014/126671
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)VENKATRAMAN Subramaniam
2)KULIK Victor

(57) Abstract :
Methods and devices for camera aided motion direction and speed estimation are disclosed. The method of determining position characteristics of a mobile device comprises capturing a plurality of images that represent views from the mobile device adjusting perspectives of the plurality of images based at least in part on an orientation of the mobile device determining a misalignment angle with respect to a direction of motion of the mobile device using the plurality of images and storing the misalignment angle and the direction of motion in a storage device.

No. of Pages : 50 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.1794/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR STORING AND SHARING A HISTORY OF INTERACTIONS BETWEEN DEVICES IN A NETWORK

(51) International classification :H04L29/08,H04W8/22,H04L12/24
(31) Priority Document No :13/764650
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015629
Filing Date :10/02/2014
(87) International Publication No :WO 2014/124394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARRIS Sarah
2)GUEDALIA Isaac David

(57) Abstract :
The disclosure is directed to providing device interaction recommendations based on past interactions between devices in networks with similar network configurations. An aspect receives first network configuration information and device interaction history information associated with a first device network the first device network comprising a first plurality of devices wherein the first network configuration information comprises capability information of each of the first plurality of devices and wherein the interaction history information comprises a history of interactions among the first plurality of devices generates a set of interaction recommendations based on the first network configuration information and the device interaction history information identifies a second device network comprising a second plurality of devices and having second network configuration information and sends the set of interaction recommendations to the second device network.

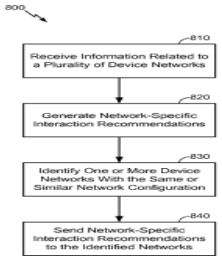

FIG. 8

No. of Pages : 42 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1708/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILE SHARING METHOD APPARATUS AND MOBILE DEVICE

(51) International classification :H04L29/08
(31) Priority Document No :201310577442.8
(32) Priority Date :18/11/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/077872
Filing Date :20/05/2014
(87) International Publication No :WO 2015/070582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHENGDU KINGSOFT DIGITAL ENTERTAINMENT CO. LTD.
(72)**Name of Inventor :**
1)WANG Quanguo
2)WU Xinchun

(57) Abstract :
An embodiment of the present invention discloses a file sharing method apparatus and mobile device. The file sharing method is used in a first mobile device and comprises: a sharing command directed at a file to be shared is acquired; after starting up the network sharing function of the first mobile device a network connection is established with a second device requesting network sharing; a browser based network request sent by the second mobile device is intercepted and redirected such that the file to be shared becomes the request outcome corresponding to the network request and is sent to the second mobile device. The use of this solution allows rapid file sharing by means of a method which does not generate network traffic that does not require any software or plug in having a file sharing function to be installed on the file sharing receiving terminal thus improving the user experience.

No. of Pages : 59 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1709/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWERFUL PULSED SELF SEEDING CO2 LASER

(51) International classification :H01S3/082,H01S3/081,H01S3/11
(31) Priority Document No :20135052
(32) Priority Date :16/01/2013
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2014/050035
Filing Date :16/01/2014
(87) International Publication No :WO 2014/111626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIYKO Vadim

(57) Abstract :
222The present disclosure discloses a CO laser and a method for the CO laser. The CO laser comprises an unstable laser cavity in the form of a first optical resonator having a semi transparent output coupler (3) a laser medium (2) in the unstable laser cavity and means (1) for exciting the laser medium (2). A part of the laser beam propagating beyond the light aperture of the output coupler (3) is directed to a second resonator the second resonator comprising at least one focusing member (6) and the optical length of the second resonator being equal or multiple to the optical length of the first optical resonator. The part of the laser beam passing through the focal plane of the focusing member (6) is modulated by using a Q switching device (8) in a manner that the excitation of the laser medium is in synchrony with the operation of the Q switching device (8).

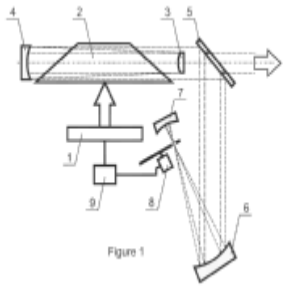

Figure 1

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015

(21) Application No.1801/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPLEMENTARY BACK END OF LINE (BEOL) CAPACITOR

(51) International classification :H01L23/522
(31) Priority Document No :13/770127
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015855
Filing Date :11/02/2014
(87) International Publication No :WO 2014/130299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YANG Bin
3)CHIDAMBARAM Pr
4)GE Lixin
5)CHOI Jihong

(57) Abstract :
A complementary back end of line (BEOL) capacitor (CBC) structure includes a metal oxide metal (MOM) capacitor structure. The MOM capacitor structure is coupled to a first upper interconnect layer of an interconnect stack of an integrated circuit (IC) device. The MOM capacitor structure includes at least one lower interconnect layer of the interconnect stack. The CBC structure may also include a second upper interconnect layer of the interconnect stack coupled to the MOM capacitor structure. The CBC structure also includes at least one metal insulator metal (MIM) capacitor layer between the first upper interconnect layer and the second upper interconnect layer. In addition, CBC structure may also include a MIM capacitor structure coupled to the MOM capacitor structure. The MIM capacitor structure includes a first capacitor plate having a portion of the first upper interconnect layer, and a second capacitor plate having a portion of the MIM capacitor layer(s).

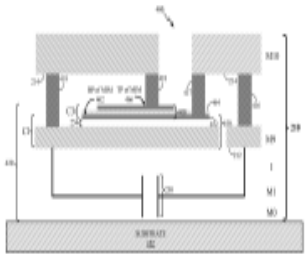

FIG.4

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015
(21) Application No.1802/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DESIGN FOR LIFTED LDPC CODES HAVING HIGH PARALLELISM LOW ERROR FLOOR AND SIMPLE ENCODING PRINCIPLE

(51) International classification :H03M13/11,H03M13/00
(31) Priority Document No :61/764476
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016279
Filing Date :13/02/2014
(87) International Publication No :WO 2014/127140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RICHARDSON Thomas J.

(57) Abstract :
a0L00L2Ë†kaLkA method of data encoding is disclosed. An encoder receives a set of information bits and performs an LDPC encoding operation on the set of information bits to produce a codeword based on a matched lifted LDPC code. The matched lifted LDPC code is based on a commutative lifting group and includes a number of parity bits and a submatrix to determine values of the parity bits. An order of the lifting group (Z) corresponds with a size of the lifting. The determinant of the submatrix is a polynomial of the form: g + (g+g_)P where g is the identity element of the group g = 9 and P is a n arbitrary non zero element of a binary group ring associated to the lifting group. The matched lifted LDPC code may be based on quasi cyclic lifting where the determinant of the submatrix is of the form x+(1+x)P(x) wherein P(x) has at least two terms and 2L=0 mod Z for a positive integer k.

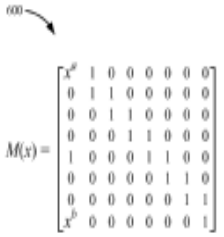

FIG. 6

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1717/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TERRESTRIAL POSITIONING SYSTEM CALIBRATION

(51) International classification :G01S5/02
(31) Priority Document No :61/762305
(32) Priority Date :07/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015048
Filing Date :06/02/2014
(87) International Publication No :WO 2014/124106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARSHALL Grant Alexander
2)MOEGLEIN Mark Leo

(57) Abstract :
Embodiments disclosed aggregate a plurality of crowdsourced measurement sets for antennas received from a plurality of Mobile Stations (MS) with a Base Station Almanac (BSA) based on a measurement location estimate and a measurement location uncertainty estimate associated with each measurement set. A map comprising a plurality of map layers may be obtained where each map layer associates locations in the BSA with spatially variable Forward Link Calibration (FLC) values for the antenna derived from the updated BSA data wherein each spatially variable FLC value is associated with a corresponding location in the updated BSA data. Map layers which may also include multipath map and/or received signal strength layers may be provided to MS as location assistance data.

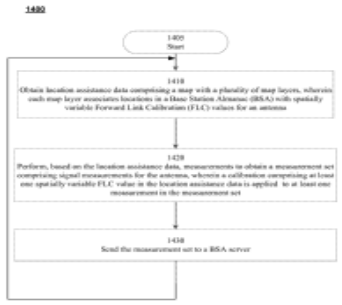

Fig. 14

No. of Pages : 88 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1718/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CENTRALIZED TASK MANAGEMENT USING A ROUTER

(51) International classification :H04L29/08,H04L12/28
(31) Priority Document No :13/765530
(32) Priority Date :12/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016054
Filing Date :12/02/2014
(87) International Publication No :WO 2014/127017
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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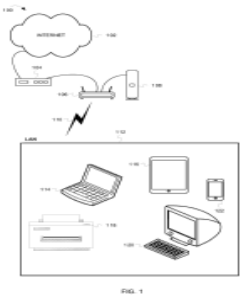
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GANDHI Bharath

(57) Abstract :
Embodiments include a method for downloading data (e.g. audio files video files etc.) to a router. In some embodiments the method includes receiving via a web server residing in the router information identifying data to be downloaded over a network from a remote device. The method can also include initiating operations for downloading the data from the remote device. The method can also include receiving in the router data packets from the network where some of the data packets include portions of the data. The method can also include identifying those data packets that include data portions and extracting the data portions. The method can also include combining the data portions to form a data file and storing the data file in the router.



No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1719/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OVERLAP CHECKING FOR A TRANSLATION LOOKASIDE BUFFER (TLB)

(51) International classification :G06F12/10
(31) Priority Document No :13/741981
(32) Priority Date :15/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011027
Filing Date :10/01/2014
(87) International Publication No :WO 2014/113286
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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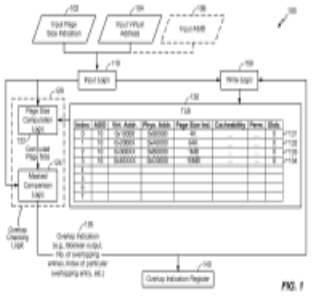
2)PLONDKE Erich J.
3)CODRESCU Lucian
4)MAHON Shane M.
5)TOLEY Rahul R.
6)HAMDAN Fadi A.

(57) Abstract :
An apparatus includes a translation lookaside buffer (TLB). The TLB includes at least one entry that includes an entry virtual address and an entry page size indication corresponding to an entry page. The apparatus also includes input logic configured to receive an input page size indication and an input virtual address corresponding to an input page. The apparatus further includes overlap checking logic configured to determine based at least in part on the entry page size indication and the input page size indication whether the input page overlaps the entry page.



No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1815/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLOCKED REGULATION OF THE AMOUNT OF PLASTER PASTE

(51) International classification :B28B19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/075266
Filing Date :12/12/2012
(87) International Publication No :WO 2014/090300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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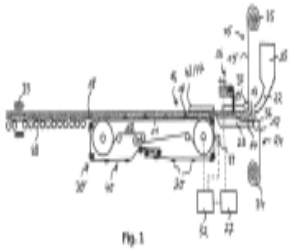
2)MARTIN J¼rgen
3)GREBNER Gosbert
4)HANAUER Andreas

(57) Abstract :
The invention relates to a method for producing a plaster board having the steps: provision of a conveyor belt apparatus (10) having a carrying belt (11) application of a first sheath (12) to the carrying belt (11) application of a plaster slurry (13) to the first sheath (12) to form a plaster coat (14) and application of a second sheath (15) to the applied plaster slurry (13) to form a plaster layer (16) comprising first sheath (12) plaster layer (14) and second sheath (15) levelling of the plaster layer (16) with a levelling bar (17) or a levelling roller wherein the amount V(t) of the plaster slurry (13) introduced between the first sheath (12) and the second sheath (15) is reduced at a predefined clock frequency f over a predefined time period t compared to a target amount VV.



No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1811/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN ANTENNA ARRANGEMENT AND A BASE STATION

(51) International classification :H01P5/18,H01Q1/24,H01Q5/00
(31) Priority Document No :13501184
(32) Priority Date :31/01/2013
(33) Name of priority country :Sweden
(86) International Application No:PCT/SE2014/050046
Filing Date :16/01/2014
(87) International Publication No :WO 2014/120062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JONSSON Stefan
3)FORSMAN Pontus

(57) Abstract :
An antenna arrangement for mobile communication the antenna arrangement comprising an antenna feeding network (202) the antenna feeding network comprising a plurality of air filled coaxial lines (204) and at least one antenna feeding path each antenna feeding path comprising at least one of the air filled coaxial lines each air filled coaxial line having an inner conductor (206) and an outer conductor (208) wherein the antenna arrangement comprises an electrically conductive reflector (210) having a front side (212) and a backside (214) wherein the front side is arranged to receive a plurality of antenna element arrangements (802 803) arranged to be placed on the front side each antenna element arrangement comprising at least one electrically conductive antenna element connectable to at least one of the air filled coaxial lines wherein a first group (216) of the plurality of air filled coaxial lines is located at the backside of the reflector between a first plane (218) in which the front side or backside lies and a second plane (220) parallel to the first plane and wherein a second group (222) of the plurality of air filled coaxial lines is located outside of the region (224) between the first and the second plane.

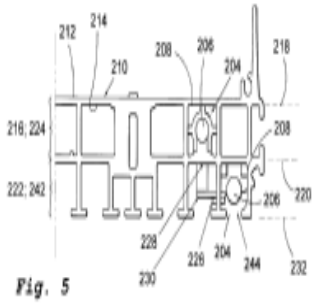

Fig. 5

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1812/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN ANTENNA ARRANGEMENT AND A BASE STATION

(51) International classification :H01Q21/06,H01Q1/24,H01Q5/00
(31) Priority Document No :13501192
(32) Priority Date :31/01/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2014/050047
Filing Date :16/01/2014
(87) International Publication No :WO 2014/120063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARLSSON Dan

(57) Abstract :
An antenna arrangement for mobile communication the antenna arrangement comprising a plurality of radiators (202 203) for at least two different frequency bands the plurality of radiators being placed on a reflector (204) wherein the plurality of radiators comprises a first group of radiators arranged to operate in a first frequency band of the at least two different frequency bands wherein the plurality of radiators comprises a second group of radiators arranged to operate in a second frequency band of the at least two different frequency bands the first group of radiators forming a first antenna the second group of radiators forming a second antenna wherein the radiators are cross polarized wherein the radiators (203) of the first group are of cross type and wherein the radiators (202) of the second group are of four leaf type.

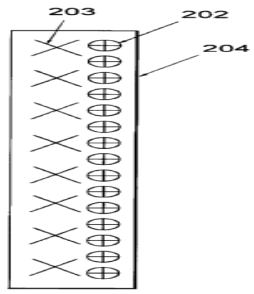

Fig. 2

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1813/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PVOH COPOLYMERS FOR PERSONAL CARE APPLICATIONS

(51) International classification :A61K8/34,A61Q19/00,A61K8/81
(31) Priority Document No :61/735771
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074431
Filing Date :11/12/2013
(87) International Publication No :WO 2014/093509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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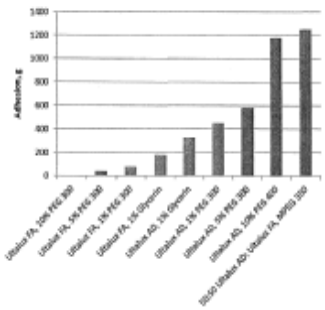
Address of Applicant :1501 LBJ Freeway Suite 530 Dallas TX 75234 U.S.A.
(72)**Name of Inventor :**
1)WURM David
2)GRISSOM Christa
3)VICARI Richard

(57) Abstract :
Epilatory compositions may be formed from: 40 to 80 wt% water; 5 to 30 wt% of a mixture of at least one polyvinyl alcohol and at least one polyvinyl alcohol copolymer; 1 to 15 wt% plasticizer where the plasticizer is a linear or branched composition having from 3 to 15 wt% OH; and up to 40 wt% of one or more additives. Pore strip keratonic plug removal and other cosmetic applications may be formed from a similar composition where the plasticizer is a linear cyclic or branched composition having greater than 25 wt% OH; and up to 40 wt% of one or more additives. The adhesive properties of the formulations may be tailored where a low OH content may result in increased adhesion relative to plasticizers having a high OH content.

Figure 17



No. of Pages : 60 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1724/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HAIR CARE COMPOSITION

(51) International classification :A61K8/41,A61K8/46,A61Q5/10
(31) Priority Document No :13150101.7
(32) Priority Date :03/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077915
Filing Date :23/12/2013
(87) International Publication No:WO 2014/106604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AINGER Nicholas John
2)BATCHELOR Stephen Norman
3)PIGGOTT Anne Sophie
4)POLIDANO Aurore Anabelle

(57) Abstract :
A kit for colouring hair comprising: i) a first composition comprising an anionic surfactant and a polyphenol ii) a second composition comprising a transition metal salt and/or complex a cationic surfactant and 2 amino 6 chloro 4 nitrophenol.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1725/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMON REFERENCE SIGNAL PHASE DISCONTINUITY

(51) International classification :H04L5/00
(31) Priority Document No :61/757008
(32) Priority Date :25/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012852
Filing Date :24/01/2014
(87) International Publication No :WO 2014/116892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHEN Wanshi
3)GAAL Peter
4)MALLADI Durga Prasad
5)LUO Tao
6)WEI Yongbin
7)XU Hao

(57) Abstract :
Methods systems and devices are described for supporting common reference signaling in wireless communications systems. Some configurations introduce a phase discontinuity between common reference signal (CRS) transmissions on different subframes. This may address issues that may arise when a reduced CRS periodicity is utilized. Indicators may also be transmitted from base stations to user equipment (UEs) to indicate whether phase continuity may be assumed or not. Some configurations may support CRS sequence initialization. These tools and techniques may utilize an extended CRS sequence periodicity which may increase the number of CRS sequences transmitted by a cell.

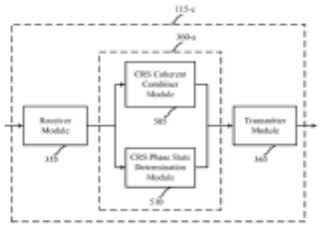

FIG. 5 580

No. of Pages : 55 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1726/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED PYRIDINE AND PYRAZINE COMPOUNDS AS PDE4 INHIBITORS

(51) International classification :C07D403/06,A61K31/506,A61K31/505
(31) Priority Document No :61/786288
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021426
Filing Date :06/03/2014
(87) International Publication No :WO 2014/158998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BREITENBUCHER James
3)KAPLAN Alan
4)LEMUS Robert
5)LINDSTROM Andrew
6)VICKERS Troy
7)WILSON Mark E.
8)ZAPF James
9)WEINHOUSE Michael I.

(57) Abstract :
The invention provides a chemical entity of Formula (I) and compositions comprising such chemical entities; methods of making them; and their use in a wide range of methods including metabolic and reaction kinetic studies detection and imaging techniques and radioactive treatments; and therapies including inhibiting PDE4 enhancing neuronal plasticity treating neurological disorders providing neuroprotection treating a cognitive impairment associated with a CNS disorder enhancing the efficiency of cognitive and motor training providing neurorecovery and neurorehabilitation enhancing the efficiency of non human animal training protocols and treating treating peripheral disorders including inflammatory and renal disorders.

No. of Pages : 294 No. of Claims : 124

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1821/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERMAL MITIGATION IN DUAL SUBSCRIPTION DUAL ACTIVE DEVICES

(51) International classification :G06F1/20,G06F9/48,H04W52/02
(31) Priority Document No :61/753419
(32) Priority Date :16/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/030844
Filing Date :17/03/2014
(87) International Publication No :WO 2014/113825
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MCCLOUD Michael
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7)BANDARU Sridhar
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(57) Abstract :
A system a method and an apparatus are described. The apparatus includes a modem that responds to a thermal mitigation request by invoking different levels of thermal mitigation for different concurrently active connections. In some instances the modem may invoke thermal mitigation with respect to a first active connection and refrain from invoking thermal mitigation with respect to a second active connection maintained by the modem. The apparatus determines the first and second active connections based on subscriptions corresponding to subscriber identification modules an identification of a power amplifier or group of power amplifiers responsible for a thermal issue in the modem. The selection of mitigation levels for each active connection and decisions to invoke mitigation on one connection while refraining from invoking mitigation on another connection may be based on priorities of the active connections including quality of service related priorities.

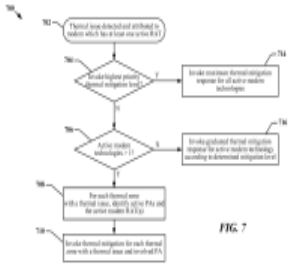

FIG. 7

No. of Pages : 51 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1727/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETERMINING TO USE MULTI RAN INTERWORKING BY CORRELATING DIFFERENT RAN IDENTIFIERS

(51) International classification :H04W76/02
(31) Priority Document No :61/755505
(32) Priority Date :23/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012278
Filing Date :21/01/2014
(87) International Publication No :WO 2014/116569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GIARETTA Gerardo
3)MEYLAN Arnaud

(57) Abstract :
Certain aspects of the present disclosure provide a method for confirming identity of a user equipment (UE) registered in both a wireless local area network (WLAN) and WWAN. A method is provided for wireless communications by a base station (BS). The method generally includes establishing communications with a first UE wherein the UE is identified by a first set of one or more identifiers in a wide area wireless network (WWAN) and by a second set of one or more identifiers in a wide local area network (WLAN) and determining based on the first and second set of identifiers a UE connected to the WWAN and WLAN is the first UE.

No. of Pages : 45 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1728/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD OF PROGRAMMING A MEMORY CELL

(51) International classification :G11C17/16
(31) Priority Document No :13/759310
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014099
Filing Date :31/01/2014
(87) International Publication No :WO 2014/123777
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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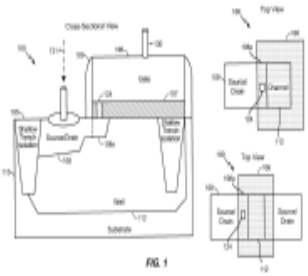
(72)**Name of Inventor :**
1)LI Xia
2)KANG Seung H.
3)ZHU Xiaochun

(57) Abstract :
A method includes creating a breakdown condition at a semiconductor transistor structure that includes an overlap region and a channel region. The breakdown condition is created by causing a first voltage difference between a gate of the semiconductor transistor structure and the overlap region to exceed a breakdown voltage of the semiconductor transistor structure while maintaining a second voltage difference between the gate and the channel region at less than the breakdown voltage.



No. of Pages : 51 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015
(21) Application No.1729/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONVERTIBLE AIRCRAFT PROVIDED WITH TWO DUCTED ROTORS AT THE WING TIPS AND WITH A HORIZONTAL FAN IN THE FUSELAGE

(51) International classification :B64C29/00,B64C27/28
(31) Priority Document No :12/03351
(32) Priority Date :10/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/000326
Filing Date :09/12/2013
(87) International Publication No :WO 2014/091092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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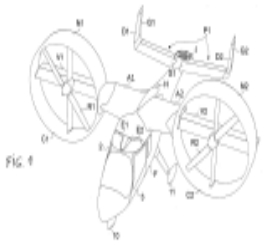
(57) Abstract :
The invention relates to a convertible aircraft comprising a fuselage (F), a pair of wings (A1, A2) arranged one on each side of the fuselage (F), at least one ducted rotor (1) installed in a horizontal position at one of the ends of the fuselage (F) and a first and a second nacelle (N1, N2) arranged respectively at the tip of each wing (A1, A2) and each comprising a ducted rotor (R1, R2) and being pivotably mounted relative to the fuselage (F). The nacelles comprise at least a first and a second movable flap (V1, V2), which flaps are arranged respectively at the outlet of the ducted rotor (R1) of the first nacelle (N1) and at the outlet of the ducted rotor (R2) of the second nacelle (N2). The aircraft according to the invention thus represents an advantageous solution to any applications involving helicopters and airplanes, particularly emergency preparedness missions, rescue missions, and public or private transport.



No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1825/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR DETERMINING A RESPIRATORY CONDITION BASED ON FUNCTIONAL RESPIRATORY IMAGING

(51) International classification :A61B5/085,A61B5/087,A61B5/091
(31) Priority Document No :61/764957
(32) Priority Date :14/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/052881
Filing Date :14/02/2014
(87) International Publication No :WO 2014/125059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DE BACKER Jan

(57) Abstract :
The present invention concerns a method for determining a respiratory condition or for assessing the efficacy of a treatment for a respiratory condition or for optimizing a treatment protocol for a respiratory condition in a subject comprising the steps of: a) obtaining image data concerning two or more three dimensional images of the subject s respiratory system which images have been previously acquired during an assessment period;b) calculating a specific three dimensional structural model of the subject s respiratory system for each of the two or more three dimensional images of step a);c) comparing the three dimensional structural models of step b) with each other to determine a respiratory condition or to assess the efficacy of a treatment for a respiratory condition or to optimize a treatment protocol for a respiratory condition.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1730/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A CONTROL SYSTEM FOR VEHICLE IN A GUIDEWAY NETWORK

(51) International classification	:G05D1/02,G05D1/03,G08G1/0968
(31) Priority Document No	:13/740586
(32) Priority Date	:14/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2014/058181 :10/01/2014
(87) International Publication No	:WO 2014/108861
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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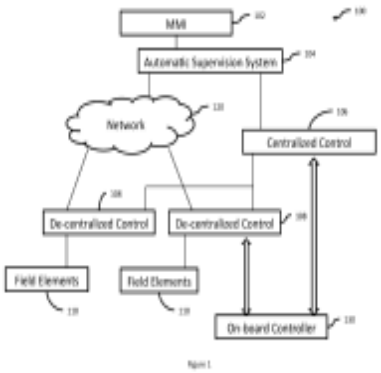
2)CHONG Norman

(57) Abstract :
A control system for a vehicle in a guideway network including a centralized control system configured to generate a first set of instructions. The control system further includes at least one de centralized control system configured to generate a second set of instructions. The control system further includes an on board controller configured to receive the first set of instructions and the second set of instructions during a same time period. The on board controller is configured to receive the first set of instructions using a first communication technique. The on board controller is configured to receive the second set of instructions via a second communication technique diverse from the first communication technique. If a discrepancy exists the on board controller is configured to execute a least restrictive of the first or second set of instructions. The control system is capable of seamlessly transferring control between the two control systems.



No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1731/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MANAGING INTERFERENCE IN A NETWORK

(51) International classification :H04L1/00,H04J11/00,H04W24/10
(31) Priority Document No :61/755377
(32) Priority Date :22/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010898
Filing Date :09/01/2014
(87) International Publication No :WO 2014/116436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LUO Tao
4)WEI Yongbin

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. In one configuration the apparatus may be a UE. The UE determines an MCS that would facilitate interference suppression of an interfering first cell transmission from a first cell when decoding a second cell transmission from a second cell at the UE. The interfering first cell transmission is a transmission unintended for the UE. The second cell transmission is a transmission intended for the UE. The UE transmits information indicating the determined MCS for the first cell. The UE receives a transmission including the second cell transmission from the second cell and the interfering first cell transmission from the first cell. The UE demodulates and/or decodes the second cell transmission from the received transmission based on the determined MCS.

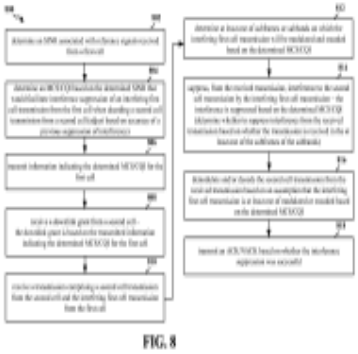

FIG. 8

No. of Pages : 51 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2015

(21) Application No.1732/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING AN INTERNET PROTOCOL ADDRESS TO A CLIENT DEVICE

(51) International classification	:H04W76/02,H04W92/18,H04W8/26
(31) Priority Document No	:1020120139932
(32) Priority Date	:04/12/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/011167 :04/12/2013
(87) International Publication No	:WO 2014/088318
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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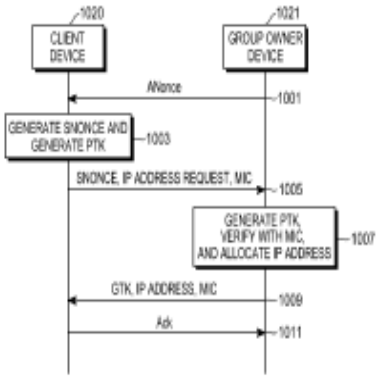
2)LEE Ji Hye
3)HAN Se Hee
4)KANG Jae Eun
5)YANG Chil Youl
6)LEE Myoung Hwan
7)LEE Chun Ho
8)LEE Tae Young

(57) Abstract :
A method and apparatus are provided for a client device to be allocated an Internet Protocol (IP) address by a Group Owner (GO) device for direct communication between the client device and the GO device. The method includes transmitting by the client device an Association Request message to the GO device receiving an Association Response message from the GO device in response to the Association Request message and receiving by the client device an IP address of the client device allocated by the GO device during an authentication process between the client device and the GO device.



No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015
(21) Application No.1828/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BREAKER HAVING A ROTATING ARC CONTACT

(51) International classification :H01H33/664,H01H33/666
(31) Priority Document No :13 50311
(32) Priority Date :14/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/050588
Filing Date :14/01/2014
(87) International Publication No :WO 2014/108558
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERNARD Mathieu
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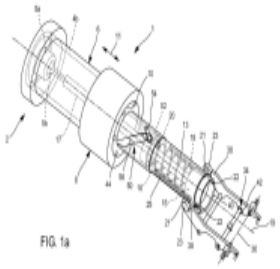
(57) Abstract :
The invention relates to electrical cutoff equipment (1) particularly a breaker including two electrical arc contacts (5a 5b) designed to be moved from a closed position to an open position during an opening operation by means of relative translational movement along a central axis (19) of said arc contacts. According to the invention the equipment additionally comprises means (54 56) for rotation that enable the arc contacts (5a 5b) to be rotated relative to one another along the central axis (19) at least after separating the arc contacts during an opening operation.



No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1639/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CACO3 IN POLYESTER FOR NONWOVEN AND FIBERS

(51) International classification :D04H1/435
(31) Priority Document No :12199746.4
(32) Priority Date :28/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077742
Filing Date :20/12/2013
(87) International Publication No :WO 2014/102197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PULLEGA Francesco
4)FORNERA Tazio
5)TINKL Michael
6)RENTSCH Samuel

(57) Abstract :
The present invention concerns a nonwoven fabric comprising at least one polymer comprising a polyester and at least one filler comprising calcium carbonate. The present invention further relates to a process of producing such a nonwoven fabric as well as to the use of calcium carbonate as filler in a nonwoven fabric comprising at least one polymer comprising a polyester.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1640/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REAL TIME 3D RECONSTRUCTION WITH POWER EFFICIENT DEPTH SENSOR USAGE

(51) International classification :G06T17/00
(31) Priority Document No :61/758699
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013211
Filing Date :27/01/2014
(87) International Publication No :WO 2014/120613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Embodiments disclosed facilitate resource utilization efficiencies in Mobile Stations (MS) during 3D reconstruction. In some embodiments camera pose information for a first color image captured by a camera on an MS may be obtained and a determination may be made whether to extend or update a first 3 Dimensional (3D) model of an environment being modeled by the MS based in part on the first color image and associated camera pose information. The depth sensor which provides depth information for images captured by the camera may be disabled when the first 3D model is not extended or updated.

Fig. 3

No. of Pages : 58 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1737/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTRATE LESS DISCRETE COUPLED INDUCTOR STRUCTURE

(51) International classification :H01F17/00,H01L23/64,H01L49/02
(31) Priority Document No :61/762555
(32) Priority Date :08/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014270
Filing Date :31/01/2014
(87) International Publication No :WO 2014/123790
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAHMOUDI Farsheed
3)ARANI Amirali Shayan

(57) Abstract :
Some novel features pertain to an inductor structure that includes a first inductor winding a second inductor winding and a filler. The first inductor winding includes an electrically conductive material. The second inductor winding includes an electrically conductive material. The filler is laterally located between the first inductor winding and the second inductor winding. The filler is configured to provide structural coupling of the first and second inductor windings. In some implementations the first inductor winding is laterally co planar to the second inductor winding. In some implementations the first inductor winding has a first spiral shape and the second inductor winding has a second spiral shape. In some implementations the first inductor winding and the second inductor winding have an elongated circular shape. In some implementations the filler is an epoxy.

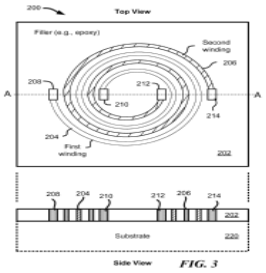

FIG. 3

No. of Pages : 44 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1738/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PVOH COPOLYMERS FOR PERSONAL CARE APPLICATIONS

(51) International classification :A61K8/34,A61Q19/00,A61K8/81
(31) Priority Document No :61/735771
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074429
Filing Date :11/12/2013
(87) International Publication No :WO 2014/093507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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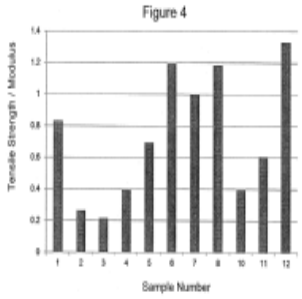
2)GRISSOM Christa
3)VICARI Richard

(57) Abstract :
Various cosmetic compositions are disclosed that may be useful in face masks epilatories and pore strips. All the claimed compositions comprise a polyvinyl alcohol copolymer. Also disclosed is a method of designing a cosmetic composition that may include: receiving a request to tailor a cosmetic composition to have a selected property or a selected property set. The method may be used to design and manufacture cosmetic compositions such as epilatory compositions face or skin care mask compositions used for cleansing and/or exfoliating the skin and eyeliners among others having advantageous properties.



No. of Pages : 63 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1834/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SERVICE PROVIDING TERMINAL CONNECTION METHOD AND APPARATUS

(51) International classification :H04W76/00,H04W88/02
(31) Priority Document No :1020120153708
(32) Priority Date :26/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012198
Filing Date :26/12/2013
(87) International Publication No :WO 2014/104752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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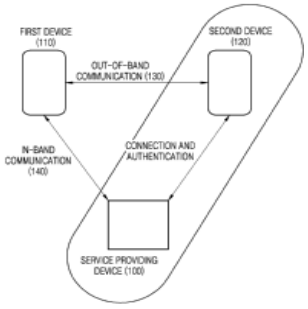
2)YANG Chil youl
3)LEE Myoung hwan
4)LEE Chun ho
5)LEE Tae young
6)HAN Chung suk

(57) Abstract :
A method and apparatuses for device control performed by a first device to control services provided by a service providing device is provided. The method includes connecting through out of band communication to a second device that includes identification information related to the service providing device receiving through the out of band communication the identification information related to the service providing device from the second device executing at least one application related to the identification information and connecting through in band communication to the service providing device using the identification information and controlling from the first device services provided by the service providing device.



No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2015

(21) Application No.1643/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREDICTIVE CACHING IN A DISTRIBUTED COMMUNICATION SYSTEM

(51) International classification	:G06F12/00,G06F17/30,H04L12/58
(31) Priority Document No	:13/730544
(32) Priority Date	:28/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CN2013/090789 :28/12/2013
(87) International Publication No	:WO 2014/101846
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)DATAR Sujay

(57) Abstract :
A method for managing information stored to a local cache comprises obtaining social network information and/or collaboration history information for a user and using the social network information and/or the collaboration history information to identify potential targets of communication for the user. The local cache is updated based at least in part on the identified potential targets of communication. Also disclosed is an apparatus for managing information stored to a local cache. The apparatus comprises an analytics engine component and an updating component. The analytics engine component is configured to determine metrics for potential targets of communication using social networking information and/or collaboration history information and the updating component is configured to remove information corresponding to at least one of the potential targets from the local cache using the metrics.

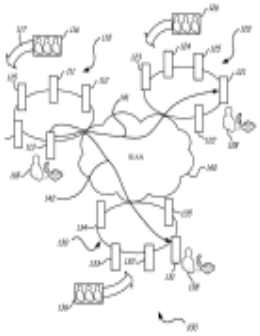

FIG. 1

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1740/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TUFT MATTER AS CONSTRUCTION MATERIAL IN PARTICULAR FOR BUILDING INDUSTRY THE MANNER OF PRODUCING THEREOF AND THE MACHINE FOR PRODUCTION THEREOF

(51) International classification	:B29B17/00,B29B17/04,B02C13/04
(31) Priority Document No	:PP 500572012
(32) Priority Date	:14/12/2012
(33) Name of priority country	:Slovakia
(86) International Application No	:PCT/SK2013/050014
Filing Date	:11/12/2013
(87) International Publication No	:WO 2014/092659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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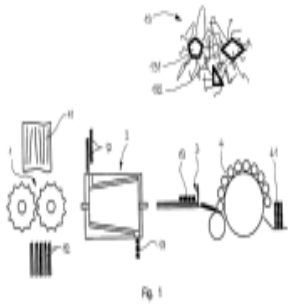
(72)**Name of Inventor :**
1)ZLAMALA, Juzef

(57) Abstract :
Tuft matter (41) is construction material in particular for building industry comprising of clumps of tufts (13) consisting in particular of non textile particles (131) interlaced with textile fibres (132) as the result of recycling process in particular of combined textile and non textile material and hardened textile of worn out and/or residue parts of products used in means of transportation. The tuft making machine (2) for producing tuft matter (41) comprises of the box (22) wherein rotating drum (21) of cone shape provided with tools for crushing decomposing and fiberizing feedstock material is placed while cohesive formation of components with spatial tuft structure approximating even arrangement of its components is produced by recycling process.



No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1741/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS REMOTE ENERGY SUPPLY FOR UNMANNED AERIAL VEHICLES

(51) International classification :H02J17/00
(31) Priority Document No :10 2012 023 719.7
(32) Priority Date :05/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000713
Filing Date :02/12/2013
(87) International Publication No :WO 2014/086330
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Willy Messerschmitt Strasse 1 85521 Ottobrunn Germany
(72)**Name of Inventor :**
1)HIEBL Manfred
2)PONGRATZ Hans Wolfgang

(57) Abstract :
A transmitting unit (110) for wirelessly transmitting energy by means of a focused laser beam (130). The transmitting unit has a laser fibre bundle (112) having a plurality of laser fibres wherein each laser fibre is designed to emit a laser beam a positioning optical unit (114) for setting an emission direction of the focused laser beam a field lens (116) and a primary lens (118). The plurality of laser fibres is designed to emit in each case a laser beam which passes through the positioning optical unit the collimator lens and the primary lens in this order such that the laser beam emitted by the transmitting unit is emitted in a focused fashion. A particularly high performance vehicle having unlimited flying time and a large deployment radius is achieved by virtue of the hybrid drive with solar energy and laser energy from the ground and for intermediate storage of the energy in batteries.

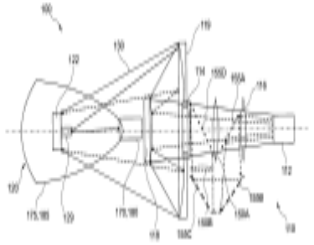

Fig. 3

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015
(21) Application No.1838/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESTIMATION OF THE MOVEMENT OF AN IMAGE

(51) International classification :G06T7/20
(31) Priority Document No :13 50271
(32) Priority Date :11/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050049
Filing Date :10/01/2014
(87) International Publication No :WO 2014/108652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JACQUELIN Frdric
2)BUDIN Jo«l

(57) Abstract :
A method for estimating movement in a series of images captured by an image capturing system comprises estimating movement vectors V at a plurality of points in an image by way of an operation carried out at each of the points P of the plurality of points for minimising a functional J of the movement vectors V comprising the sum of a data term and an adjustment term the data term consisting of the product of a weighting term function of the degree of uniformity of the estimated movement vectors V and a datum term function of spatio temporal gradients in the intensity at points located in a vicinity P of a point P the adjustment term supplying a result to the minimising operation for points P at which the minimisation of the data term does not allow a single solution to be estimated.

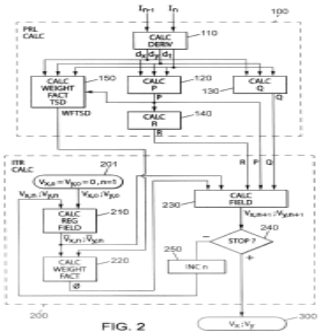

FIG. 2

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1743/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INDICATION BOLT FOR MONITORING ADHESIVE BONDS IN STRUCTURAL ELEMENTS

(51) International classification :F16B11/00,F16B19/02,F16B5/04
(31) Priority Document No :10 2012 023 717.0
(32) Priority Date :05/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000714
Filing Date :02/12/2013
(87) International Publication No :WO 2014/086331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)K–RWIEN Thomas

(57) Abstract :
A structural element (20) comprises a first component (22) and a second component (24); an adhesive bond (26) by means of which the first component (22) and the second component (24) are connected to one another; and an indication bolt (28) which is fixed to the first component (22) and the second component (24). The indication bolt (28) is designed to indicate if the first component (22) and the second component (24) have moved relative to one another.

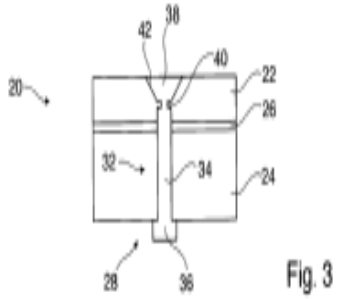

Fig. 3

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.1744/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLOSURE FOR BOTTLES

(51) International classification :B65D45/32, B65D45/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Abstract Disclosed is a closure (100) for bottles. The closure (100) comprises a hollow body member (20) and a disk (40). The hollow body member (20) includes an opening on an upper surface (10) thereof for removably fitting the disk (40) therein. The disk (40) being a circular step design is removed only inside the hollow body member (20) thus allowing the bottle to be disposed along with the closure (100) thereby making disposal of empty bottles and transportation of disposed bottles more ecofriendly. The closure (100) on the empty bottle is opened from center to let the air escape without creating air pockets within the bottle thereby allowing the bottle to be easily crushed by the weight of other waste materials in a garbage container. Figure 1

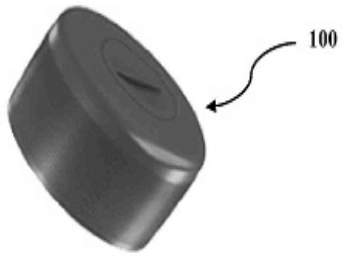

Figure 1

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1745/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROTATIONALLY SEQUESTERED TRANSLATORS

(51) International classification :C12Q1/68,C07H21/00,C12N5/10
(31) Priority Document No :61/754339
(32) Priority Date :18/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011782
Filing Date :16/01/2014
(87) International Publication No :WO 2014/113531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FREZZA Brian M.
3)BOND Brad
4)LEUNG Jonathan
5)FRASER George W.

(57) Abstract :
Provided are nucleic acid translators capable of carrying out logic operations with improved efficiency maximized output and reduced off target effects in particular in a biological system. Methods of using these translators to transduce signal are also provided.

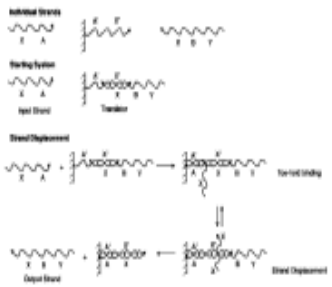

FIG. 1A

No. of Pages : 88 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015
(21) Application No.1840/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEAT DISSIPATION SYSTEM FOR COMMUNICATION DEVICE

(51) International classification :H05K7/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/088076
Filing Date :31/12/2012
(87) International Publication No :WO 2014/101201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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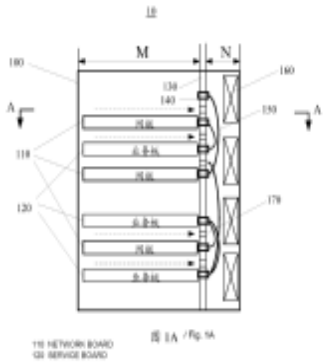
(72)**Name of Inventor :**
1)XIANG Nengwu
2)LIU Changyi

(57) Abstract :
Embodiments of the present invention relate to a heat dissipation system used for a communications device, where the communications device includes a chassis, a network board, a service board, a backplane, and a high-rate cable; the chassis is configured to house the network board, the service board, the backplane, and the high-rate cable; the backplane is vertically inserted in a middle part or a middle rear part of the chassis, and parallel to a front side of the chassis; the service board and the network board are parallel and are connected to a front side of the backplane; the high-rate cable is connected between the network board and the service board on a rear side of the backplane; and the heat dissipation system further includes multiple fans that are installed in an array form on a rear side of the chassis, and an air vent that penetrates through the backplane. According to the embodiments of the present invention, space used for wiring a high-rate cable is formed through specially designed fan layout, which on one hand improves utilization of space inside a communications device chassis, and on the other hand improves heat dissipation efficiency of a communications device.



No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015
(21) Application No.1830/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR HOME MONITORING

(51) International classification :H04L12/26,H04L12/12
(31) Priority Document No :1020120146251
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011501
Filing Date :12/12/2013
(87) International Publication No :WO 2014/092464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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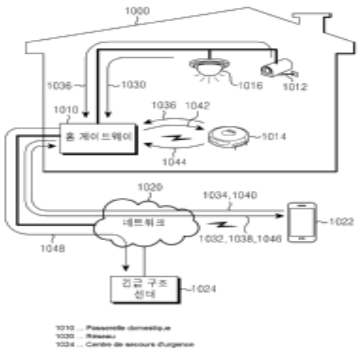
2)KWEON Ji Hyeon
3)LEE Keun Cheol
4)KIM Dong Seok
5)KIM Hyun Sik

(57) Abstract :
A method and an apparatus for home monitoring are disclosed. A home gateway according to the present invention carries out: a step of receiving a home monitoring request message from a mobile terminal; a step of providing to the mobile terminal monitoring information for a camera module included in at least one pre registered home device and/or a monitoring location in response to the request message; a step of receiving from the mobile terminal selection information indicating a first camera module selected on the basis of the camera information; a step of transmitting to the mobile terminal image data photographed and collected from the first camera module in response to the reception of the selection information; a step of receiving from the mobile terminal a control command for the first camera module; and a step of transmitting the control command to a first home device having the first camera module.



No. of Pages : 74 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1831/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING DEVICES IN HOME NETWORK SYSTEM

(51) International classification :H04L12/12,G06K17/00
(31) Priority Document No :1020120145009
(32) Priority Date :13/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011588
Filing Date :13/12/2013
(87) International Publication No :WO 2014/092503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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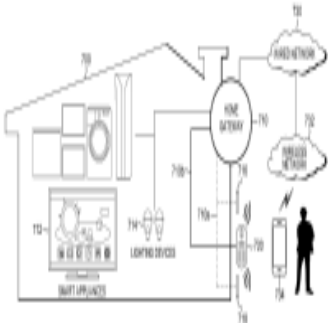
(72)**Name of Inventor :**
1)SHIM Jung Hyun
2)KIM Kyung Jae
3)LEE Keun Cheol
4)KWON Kyung Tack
5)JUNG Hae Moon

(57) Abstract :
A method and apparatus for controlling groups of devices in a home network system are provided. The method includes receiving a request message for executing an operation mode from a control station reading a control list stored for the operation mode in response to the request message determining at least one home device associated with the operation mode from among home devices in the home network system and one or more functions of the at least one home device based on the control list and transmitting control commands instructing the at least one home device to execute the one or more functions to the at least one home device.



No. of Pages : 72 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015
(21) Application No.1832/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS AND METHOD FOR PROVIDING MENU THEREOF

(51) International classification :H04N5/45,H04N5/445
(31) Priority Document No :1020120152727
(32) Priority Date :26/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012032
Filing Date :23/12/2013
(87) International Publication No :WO 2014/104685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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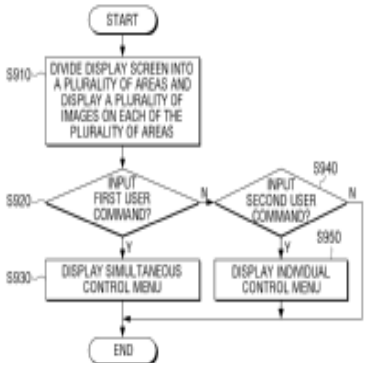
(72)**Name of Inventor :**
1)KIM Ji won

(57) Abstract :
Exemplary embodiments may disclose a display apparatus and a method for providing a menu thereof. The method for providing a menu of a display apparatus includes dividing the display apparatus into a plurality of areas and displaying a plurality of images on each of the plurality of areas displaying a simultaneous control menu which controls the plurality of images simultaneously in response to a predetermined first user command being input and displaying an individual control menu which controls one of the plurality of images in response to a predetermined second user command being input.



No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015
(21) Application No.1833/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING HOME DEVICE REMOTELY IN HOME NETWORK SYSTEM

(51) International classification :H04L12/12,G10L15/22
(31) Priority Document No :1020120148738
(32) Priority Date :18/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011821
Filing Date :18/12/2013
(87) International Publication No :WO 2014/098477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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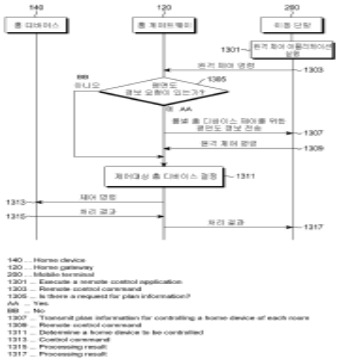
1)LEE Keun Cheol
2)KWEON Ji Hyeon
3)KIM Kyung Jae
4)CHOI Jae Won

(57) Abstract :
The present invention relates to a remote control method and device in a home network system including a plurality of home devices wherein the method includes: receiving operation state information from each of the plurality of home devices; receiving a control command for controlling the operation of at least one of the plurality of home devices from a user device; determining a home device to be controlled based on the control command; transmitting the control command to the home device determined to be controlled; receiving processing result information accompanied by performing the control command from the home device to be controlled; and transmitting the processing result information to the user device.



No. of Pages : 55 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1666/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR REMOVING PROTEIN BOUND TOXINS FROM THE BLOOD OF PATIENTS USING A HIGH FREQUENCY ELECTROMAGNETIC FIELD AND AN ELECTROSTATIC DIRECT CURRENT FIELD

(51) International classification :A61M1/16,A61M1/36
(31) Priority Document No :10 2013 100 050.9
(32) Priority Date :04/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050080
Filing Date :06/01/2014
(87) International Publication No :WO 2014/106654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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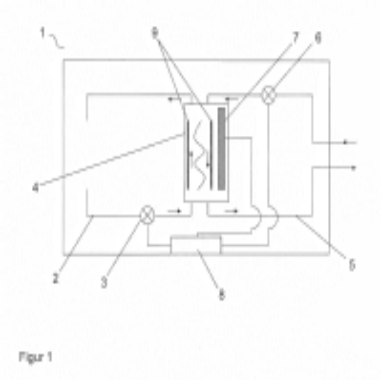
2)FABIG Anselm
3)TSCHULENA Ulrich
4)MLLER Carsten

(57) Abstract :
The present invention relates to a dialysis device comprising a dialysis circuit (2) a blood circuit (5) and a dialyzer (4) characterized in that the dialysis device has means (7) for generating a high frequency electromagnetic field and means (9) for generating an electrostatic direct current field wherein both means (7 9) are arranged in such a way that blood to be treated can be exposed to the high frequency electromagnetic field and the electrostatic direct current field when passing through the dialyzer.



Figur 1

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1667/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI CD47 ANTIBODIES AND METHODS OF USE THEREOF

(51) International classification :C07K16/28,A61K39/00
(31) Priority Document No :61/732452
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/003164
Filing Date :03/12/2013
(87) International Publication No :WO 2014/087248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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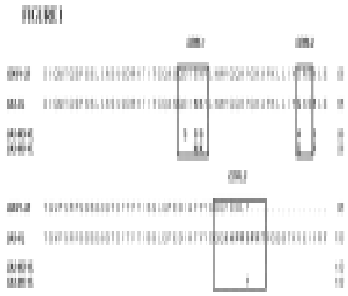
Address of Applicant :14 Ch. des Aulx Plan les Ouates CH 1228 Geneva Switzerland
(72)**Name of Inventor :**
1)MASTERNAK Krzysztof
2)FISCHER Nicolas
3)ROUSSEAU Francois
4)DHEILLY Elie
5)KOSCO VILBOIS Marie

(57) Abstract :
The invention relates to monoclonal and/or monovalent antibodies that bind CD47. The invention relates to monoclonal and/or monovalent antibodies that bind CD19. The invention also relates to novel bispecific monoclonal antibodies carrying a different specificity for each binding site of the immunoglobulin molecule where one of the binding sites is specific for CD47. The invention also relates to novel bispecific monoclonal antibodies carrying a different specificity for each binding site of the immunoglobulin molecule where one of the binding sites is specific for CD19.



No. of Pages : 303 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015
(21) Application No.1760/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUSTENITIC TWIP STAINLESS STEEL ITS PRODUCTION AND USE

(51) International classification :C22C38/38,C22C38/54
(31) Priority Document No :RM2012A000647
(32) Priority Date :19/12/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/061101
Filing Date :18/12/2013
(87) International Publication No :WO 2014/097184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CENTRO SVILUPPO MATERIALI S.P.A.
Address of Applicant :Via di Castel Romano 100/102 I 00128 Roma (RM) Italy
(72)**Name of Inventor :**
1)FERRAIUOLO Alessandro

(57) Abstract :
The object of the invention is an austenitic stainless steel with high plasticity induced by twinning with innovative chemical composition and the use thereof in the automobile industry and in all applications wherein both a high resistance to corrosion and a high formability is requested together with mechanical features of high resistant steels. The invention also concerns a process for the production of this austenitic stainless steel with high twinning induced plasticity.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1761/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SKIN CARE FORMULATIONS

(51) International classification :A61Q17/04,A61K8/81,C08L33/24
(31) Priority Document No :61/740602
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/077288
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
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(72)**Name of Inventor :**
1)PHILBIN Michael Timothy

(57) Abstract :
A skin care formulation includes at least one polymer and at least one sunscreen active agent and provides low tack and an improved sun protection factor. The polymer is derived from at least one acid containing monomer at least one N alkyl (meth)acrylamide monomer and optionally at least one alkyl (meth)acrylate monomer.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

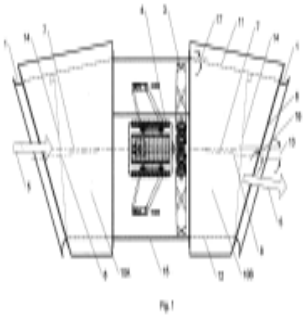
(21) Application No.1762/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY EFFICIENT TUNNEL VENTILATION DEVICE

(51) International classification :F04D29/54,E21F1/00
(31) Priority Document No :1300855.2
(32) Priority Date :17/01/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/000013
Filing Date :17/01/2014
(87) International Publication No :WO 2014/111679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOSEN LTD
Address of Applicant :Unit 15 Riverview Business park Station Road Forest Row East Sussex RH18 5FS U.K.
(72)**Name of Inventor :**
1)TARADA Fathi

(57) Abstract :
A ventilation device that enhances the effective longitudinal thrust of a fan assembly installed within a tunnel by turning the discharged flow away from the surrounding tunnel surfaces and tilting the nozzle trailing edge (6) so that it forms an angle (16) to the nozzle centreline (8).



No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1852/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF EDIBLE WATER IN OIL EMULSIONS

(51) International classification :A23D7/005,A23D7/01,A23D7/02
(31) Priority Document No :13153475.2
(32) Priority Date :31/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073969
Filing Date :15/11/2013
(87) International Publication No :WO 2014/117883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEENHOUTS Abraham
2)SMIT KINGMA Irene Erica
3)TIO Farley Ferdinand

(57) Abstract :
The invention relates to a process to manufacture a water in oil emulsion comprising 10 to 85 wt. % of liquid oil; 0.5 to 50 wt. % of fat powder comprising hardstock fat; 10 to 85 wt. % of a water phase; 0.005 to 5 wt. % of lecithin; and 0.01 to 5 wt. % of monoglyceride; comprising the steps of: 1. providing a solution of at most 5 wt. % of the liquid oil based on the total amount of liquid oil comprising at least 50 wt. % of dissolved lecithin based on total amount of lecithin; and at least 50 wt. % of dissolved monoglyceride based on total amount of monoglyceride; wherein the temperature of the solution is at least 50 degrees Celsius; 2. providing an oil continuous system comprising at least 75 wt. % of the liquid oil based on the total amount of liquid oil wherein the system has a temperature of from 0 to 20 degrees Celsius; 3. contacting the solution provided at step with the system provided at step 2 ; 4. mixing the mixture provided at step 3 to provide a water in oil emulsion; wherein any remaining ingredients are added whole at step 2 step 3 or step 4 or added in parts in any combination at step 2 step 3 and step 4 . The process of the invention results in water in oil emulsions with an improved stability and a reduced batch to batch variation in stability.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1749/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA TRANSMISSION METHOD AND BASE STATION

(51) International classification :H04W56/00,H04W52/02,H04W88/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/088130
Filing Date :31/12/2012
(87) International Publication No :WO 2014/101229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)MA Haitao
2)WANG Yun

(57) Abstract :
Disclosed are a data transmission method and a base station. The data transmission method comprises: when a semi static resource is in an activated state and has time alignment (TA) data that needs to be sent using the semi static resource to send the TA data to a user equipment (UE). In the embodiments of the present invention a base station uses a semi static resource to send TA data so that the resource is reasonably used and scheduling and allocation of PDCCH and PDSCH resources by the base station are reduced; therefore the resource is saved the time of processing the TA data by the base station is shortened and utilization of the system resource and cell throughput are improved.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

(21) Application No.1843/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METERING VALVE

(51) International classification :B65D83/54
(31) Priority Document No :1350343
(32) Priority Date :15/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/050548
Filing Date :14/01/2014
(87) International Publication No :WO 2014/111362
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LINDAL FRANCE SAS
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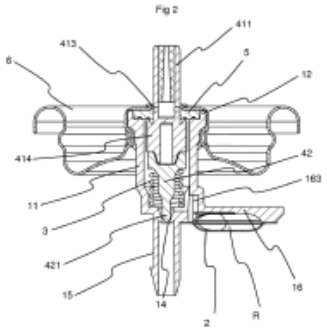
(72)**Name of Inventor :**
1)BODET Herv
2)GAILLARD Eric

(57) Abstract :
The invention relates to a metering valve for an aerosol container having an inner face intended to be placed inside the aerosol container and an outer face intended to be placed outside the aerosol container. The valve is provided: with a valve body (1) having an inner chamber (17) that can be brought into contact either with the inner face of the valve or with the outer face of the valve; with a rod (41) that is provided with closure means (42) and is placed partially inside the inner chamber (17) able to move between two positions namely a closed position in which the inner chamber (17) is in contact with the inner face of the valve but separated from the outer face of the valve and an open position in which the inner chamber (17) is in contact with the outer face of the valve but separated from the inner face of the valve; with a reservoir (R) that can be filled when the rod (41) is in the closed position and emptied when the rod (41) is in the open position. In accordance with the invention the reservoir (R) is located by the inner face of the valve out of the valve body (1) the reservoir (R) is in contact with the inner chamber (17) of the valve body (1) and the reservoir (R) is composed of at least one flexible membrane (2).



No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

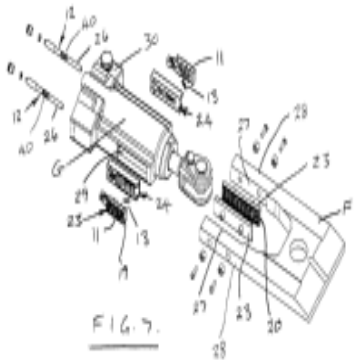
(21) Application No.1844/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A LOCKING MECHANISM

(51) International classification :E02F3/36
(31) Priority Document No :604110
(32) Priority Date :10/12/2012
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2013/000219
Filing Date :04/12/2013
(87) International Publication No :WO 2014/092584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WEDGELOCK EQUIMENT LIMITED
Address of Applicant :72 Montgomery Crescent Upper Hutt 5018 New Zealand
(72)**Name of Inventor :**
1)ANDERSON Andre Richard
2)GIBSON Ashley Craig
3)RIDER Andrew James Phillip

(57) Abstract :
A locking mechanism 10 for a quick coupler A has a movable locking element 11. A biasing element 13 is adapted to bias the locking element 11 to move in a first direction. An operator 12 is arranged to move the locking element 11 against the bias of the biasing element 13. The locking element 11 has teeth or serrations 19 which when the locking element 11 is moved by the biasing element 13 in the first direction is engageable with further teeth or serrations 20 coupled to a movable wedge element F of the quick coupler A to lock the wedge element 11 against movement. The movement of the locking element 11 creates a compressive force that causes the teeth / serrations 19 20 to positively mesh and remain meshed.



No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

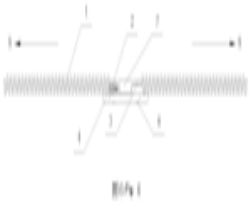
(21) Application No.1845/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RFID ELECTRONIC TAG AERIAL ELECTRONIC TAG AND PROCESSING METHOD THEREOF

(51) International classification :H01Q1/36
(31) Priority Document No :201210556953.7
(32) Priority Date :20/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090012
Filing Date :19/12/2013
(87) International Publication No :WO 2014/094640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YUAN, Zhongxue
Address of Applicant :MESNAC.CO.LTD/R&D/Gao Hong No.43 Zhengzhou Road, Sifang Qingdao, Shandong 266042, China China
(72)**Name of Inventor :**
1)YUAN Zhongxue
2)DONG, Lanfei
3)CHEN, Haijun
4)TONG, Qiang
5)TENG, Xuezhi
6)LI, Yufeng
7)WU, Lichun
8)YAO, Yong
9)REN, Liyan

(57) Abstract :
An RFID electronic tag aerial electronic tag and processing method thereof; the aerial assembled on a substrate is designed as two portions extending in two directions so as to reduce and attenuate at the welded end of the aerial the external force transferred from the substrate to a distal end or other force damaging the weld structure thus improving the stress stability and anti interference performance of the weld structure between the welded end of the aerial and the substrate and improving the robustness of the RFID electronic tag in the entire life cycle. The RFID electronic tag comprises: a substrate an electronic chip and a set of aerials; the aerials have a first portion extending in a first direction the first portion having several helical shaped and consecutively arranged spring rings; and a second portion connected to the first portion and helically extending in a second direction. The second portion is welded on the substrate such that the aerials can be assembled on the lateral side of the electronic chip; and the first portion is in an elastic and unrestricted state in a plurality of directions relative to the second portion.



No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1649/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRAIN END AND TRAIN INTEGRITY CIRCUIT FOR TRAIN CONTROL SYSTEM

(51) International classification :B61L23/34
(31) Priority Document No :13/731696
(32) Priority Date :31/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/060578
Filing Date :02/12/2013
(87) International Publication No :WO 2014/102632
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KANNER Abe
2)FARCASIU Ioan
3)DOOYEWEERD Paul

(57) Abstract :
A train system that includes a plurality of train units including a first train unit and second train unit coupled together. Each first and second train unit includes a controller configured to detect a change in train configuration of the train units and comprising a plurality of inputs; train integrity signal lines spanning each train unit and coupled with the controller at the plurality of inputs and configured to transmit signals between a front end and a rear end of the train system the signals indicating a status of train integrity of the train system; and a plurality of relays in communication with the controller and configured to indicate a coupling or non coupling status of each train unit.

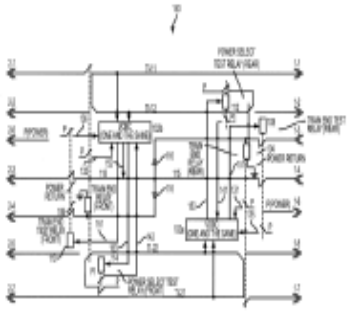

FIG. 2

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1750/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR CREATING FLOOR PLAN OF BUILDING

(51) International classification :G06F19/00,G06F17/30
(31) Priority Document No :1020120146067
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011462
Filing Date :11/12/2013
(87) International Publication No :WO 2014/092449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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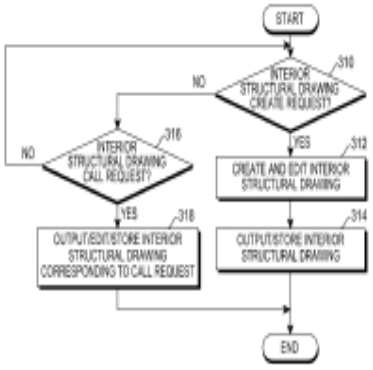
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)SHIM Jung Hyun
2)KWEON Ji Hyeon
3)LEE Kang Min
4)LEE Seung Uk
5)JIN Sun Mi

(57) Abstract :
An apparatus and a method for creating a floor plan of a building using a program that supports an editing operation of an interior structural drawing are provided. The method includes receiving a request of a user from a User Interface (UI) unit searching at least one of a DataBase (DB) and an external DB which is accessible through a communication unit based on the basic layout information to obtain at least one recommended interior structural drawing providing the at least one recommended interior structural drawing through the UI unit editing the interior structural drawing selected by the user based on extended layout information.



No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015
(21) Application No.1751/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR REPRODUCING CONTENT IN HOME NETWORK SYSTEM

(51) International classification :H04L12/12,H04L12/66
(31) Priority Document No :1020120144765
(32) Priority Date :12/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011538
Filing Date :12/12/2013
(87) International Publication No :WO 2014/092486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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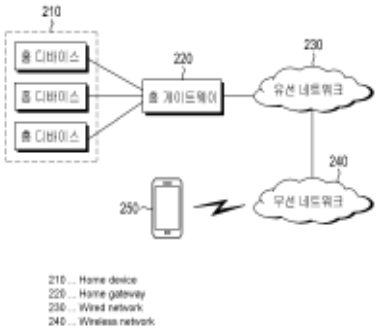
(72)**Name of Inventor :**
1)KWEON Ji Hyeon
2)MIN Hyun Suk
3)SONG Kwan Woo
4)LEE Jong Woo

(57) Abstract :
The present invention provides a method and a device capable of controlling at one time home devices constituting a home network by using a mobile terminal in a home network system. Particularly the present invention provides a method and a device capable of controlling at one time home devices according to a content type. A method for reproducing content in a home network system according to one embodiment of the present invention is a method for reproducing content in a home gateway of a home network system the method comprising the steps of: receiving from a mobile terminal a control command for requesting content being reproduced in the mobile terminal to be continuously reproduced; and controlling at least one home device according to the control command.



No. of Pages : 42 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1856/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL DIHYDROPYRIMIDINOISOQUINOLINONES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS (GPR84 ANTAGONISTS)

(51) International classification :C07D471/04,C07D519/00,A61K31/4375
(31) Priority Document No :61/740028
(32) Priority Date :20/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/076818
Filing Date :17/12/2013
(87) International Publication No :WO 2014/095798
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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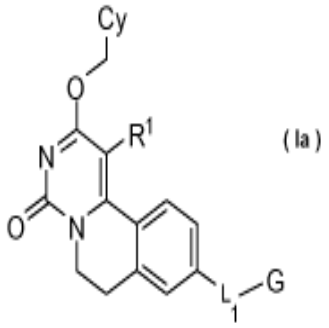
(72)**Name of Inventor :**
1)LAB‰GUˆRE Frdric
2)ALVEY Luke
3)NEWSOME Gregory
4)SANIˆRE Laurent
5)FLETCHER Stephen

(57) Abstract :
11A compound according to Formula (Ia) wherein Cy L G and R are as described herein. The present invention relates to novel compounds according to Formula (I) that antagonize GPR84 a G protein coupled receptor that is involved in inflammatory conditions and methods for the production of these novel compounds pharmaceutical compositions comprising these compounds and methods for the prevention and/or treatment of inflammatory conditions (for example inflammatory bowel diseases (IBD) rheumatoid arthritis vasculitis) lung diseases (e.g. chronic obstructive pulmonary disease (COPD) and lung interstitial diseases (e.g. idiopathic pulmonary fibrosis (IPF))) neuroinflammatory conditions infectious diseases autoimmune diseases endocrine and/or metabolic diseases and/or diseases involving impairment of immune cell functions by administering a compound of the invention.



(Ia)

No. of Pages : 245 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015
(21) Application No.1768/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR TESTING FREQUENCY SYNTHESIZER

(51) International classification :H03L7/00
(31) Priority Document No :224819
(32) Priority Date :20/02/2013
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050926
Filing Date :11/11/2013
(87) International Publication No :WO 2014/128687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GREENBERG Igal
2)LEVY Raphael

(57) Abstract :
A method of testing a frequency synthesizer over a predetermined frequency range using a delay unit complying with a spectral delay distribution model modeling a spectral delay distribution of the delay unit over the predetermined frequency range. The method comprises generating at least one test signal with the frequency synthesizer according to at least one test command; passing the at least one test signal through the delay unit so as to obtain at least one delayed test signal; measuring at least one shift of a signal attribute between the delayed test signal and the test signal; estimating an accuracy of the frequency synthesizer by comparing the at least one measured shift with an expected shift the expected shift being derived from the spectral delay distribution model of the delay unit and from the at least one test command.

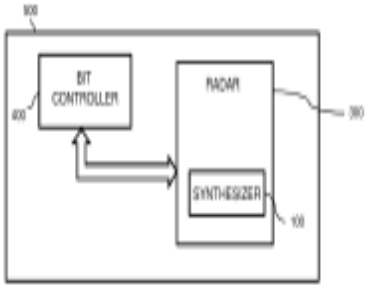

FIG. 1

No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1769/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BENZOXAZINE OXAZOLIDINONE COMPOUND PREPARATION METHOD AND APPLICATION THEREOF

(51) International classification	:C07D498/04,C07D519/00,C07F9/6561
(31) Priority Document No	:201210576376.8
(32) Priority Date	:26/12/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/090410 :25/12/2013
(87) International Publication No	:WO 2014/101765
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)ZHE JIANG JUTAI PHARMACEUTICAL CO. LTD
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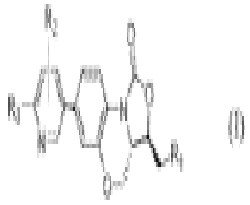
1)YANG Yushe
2)GUO Bin

(57) Abstract :
Disclosed are a benzoxazine oxazolidinone compound shown by a general formula (I) an optical isomer thereof or a pharmaceutically acceptable salt thereof a preparation method thereof and an application thereof in preparing a drug for treating an infectious disease and in particular an infectious disease caused by multidrug resistant bacteria.



No. of Pages : 60 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1865/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTIVE INGREDIENT MICROPARTICLES

(51) International classification :C08L33/08,A61K9/16,C11D3/50
(31) Priority Document No :1262499
(32) Priority Date :20/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052996
Filing Date :09/12/2013
(87) International Publication No :WO 2014/096622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHAMPAGNE Clmentine
2)SUAU Jean Marc
3)GUERRET Olivier

(57) Abstract :
The present invention pertains to polymer coated microparticles comprising at least one HASE acrylic copolymer at least one solid liquid phase change materials having a phase transition temperature varying from 20 to 90°C and at least one active ingredient. More particularly the microparticles comprise at least one HASE acrylic copolymer comprising at least one anionic monomer having a polymerisable vinyl function and a carboxyl moiety at least one non ionic hydrophobic monomer having a polymerisable vinyl function and at least one associative oxyalkylated macromonomer having a polymerisable vinyl function and a hydrophobic hydrocarbon chain.

Figure 2

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1866/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIAL ADAPTERS

(51) International classification :A61J1/20
(31) Priority Document No :61/738151
(32) Priority Date :17/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073283
Filing Date :05/12/2013
(87) International Publication No :WO 2014/099395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RUSSO Robert Scott
2)JOHNSON, Jeffrey M.
3)RAFFERTY, Christopher C.
4)BRENNER, Tod H.
5)SHETTY, Gautam N.

(57) Abstract :
A vial adapter (100) is provided for interconnecting a vial (300) having a closure (320) and a fluid delivery device such as a safety syringe (400). The vial adapter (100) comprises an adapter housing (110) having a base (120) a shroud (130) extending or projecting from the base (120) and a cannula (150) extending or projecting from the base 120) for penetrating a rubber seal (330) on the vial closure (320) to thereby establish fluid communication between the vial (300) and the vial adapter (100). The shroud (130) may comprise a plurality of latitudinal slits or windows (131) within each of which resides a flexion arm (132) connected to the shroud (130) each flexion arm (132) capable of engaging and/or retaining vial closures (320) of any of a variety of different sizes. The vial adapter (100) may comprise a conduit tip (160) in fluid communication with the cannula 150) to allow transfer of fluid to or from the safety syringe(400) while also preventing inadvertent activation of a safety syringe needle retraction mechanism.

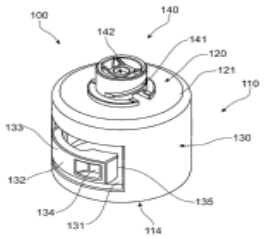

FIG. 2A

No. of Pages : 35 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1772/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR DYNAMICALLY CONTROLLING A PIECE OF ELECTRICAL EQUIPMENT

(51) International classification :H05B37/02,H05B37/03,H02J7/35
(31) Priority Document No :1262933
(32) Priority Date :28/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053028
Filing Date :11/12/2013
(87) International Publication No :WO 2014/102480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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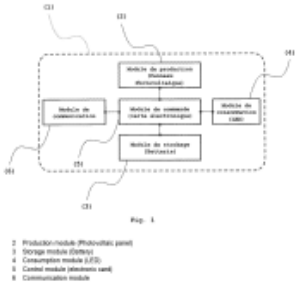
(72)**Name of Inventor :**
1)BAILLOT Raphael
2)SAMUEL Thomas

(57) Abstract :
The present invention concerns a method for dynamically controlling the powering of a piece of electrical equipment powered by an energy storage element and a renewable energy source the power of the power supply of said equipment being temporally variable according to an adjustable reference time curve characterised in that it comprises steps of adjustment on the basis of at least one external factor and at least one internal factor and the constraint according to which the integral over the relevant operating cycle of said adjusted curve is lower than the quantity of energy that can be allocated from said energy storage element during the relevant operating cycle said external factors being physical parameters acquired by local sensors. The invention also concerns a lighting system implementing this method an array of such electrical systems and a method for detecting one or a plurality of malfunctions of such a lighting system.



No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1861/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR SERVING VISITOR SUBSCRIBERS IN A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W8/00
(31) Priority Document No :20121518
(32) Priority Date :14/12/2012
(33) Name of priority country :Norway
(86) International Application No :PCT/EP2013/076562
Filing Date :13/12/2013
(87) International Publication No :WO 2014/090997
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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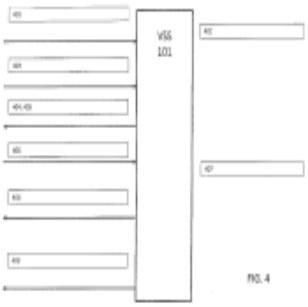
2)VALEUR Olaf
3)R˜SOK Rolf

(57) Abstract :
A method for serving visitor subscribers in a mobile communication system has been disclosed. The method which is performed by a virtual visitor subsystem VSS included in the mobile communication system comprises the following steps:detecting a roaming event on an MSISDN of a mobile station MS operating in the mobile communication system; determining a mobile network operator in the mobile communication system having an HPLMN which covers a geographic area of the MS to be a visitor mobile network operator of the MS; receiving a visitor IMSI from the visitor mobile network operator; assigning the visitor IMSI to the MSISDN of the MS;transmitting the visitor IMSI to the MS; intercepting an authentication initiation towards the visitor mobile network operator; authenticating the MS towards a home mobile network operator of the MS; and activating a visitor subscription identified by the visitor IMSI based on an authentication response received from the home mobile network operator.



No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1862/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHOTOGRAPHIC LENS AND PHOTOGRAPHIC APPARATUS USING THE SAME

(51) International classification	:G02B9/62,G02B11/32,G02B13/18
(31) Priority Document No	:1020120158530
(32) Priority Date	:31/12/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/012262 :27/12/2013
(87) International Publication No	:WO 2014/104787
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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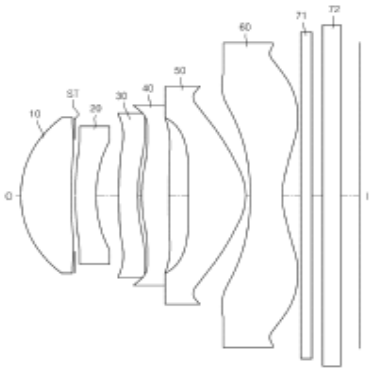
(72)**Name of Inventor :**
1)LEE Tae youn
2)KIM Yong wook

(57) Abstract :
A photographic lens and a photographic apparatus including the same are provided. The photographic lens includes a first lens including a convex surface toward an object side and having a positive refractive power a second lens including a concave surface toward an image side and having a negative refractive power a third lens having a positive refractive power or a negative refractive power a fourth lens having a positive refractive power or a negative refractive power a fifth lens including a convex surface toward the image side and having a positive refractive power and a sixth lens including a concave aspherical shape with respect to an optical axis toward the image side and having a negative refractive power. The first to sixth lenses may be sequentially arranged from the object side to the image side.



No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2015

(21) Application No.1656/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TREATMENT OF CANCER WITH HETEROCYCLIC INHIBITORS OF GLUTAMINASE

(51) International classification :A61K31/433,A61K31/4245,A61K31/501
(31) Priority Document No :61/732755
(32) Priority Date :03/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072830
Filing Date :03/12/2013
(87) International Publication No :WO 2014/089048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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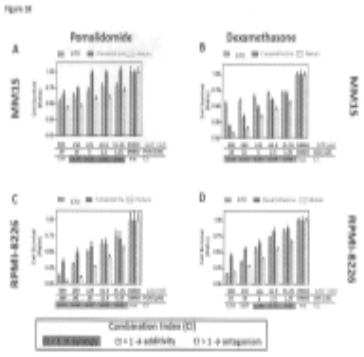
2)GROSS Matthew I.
3)BROMLEY Susan D.
4)LI Jim
5)CHEN Lijing
6)GOYAL Bindu
7)LAIDIG Guy
8)STANTON Timothy Friend
9)SJOGREN Eric Brian

(57) Abstract :
The invention relates to novel heterocyclic compounds and pharmaceutical preparations thereof and the methods of treating or preventing cancer using the compounds of the invention. Other aspects relate to methods of identifying a cancer patient that may benefit from treatment with a glutaminase inhibitor comprising determining the ratio of glutamate to glutamine the ratio of glutaminase enzyme to glutamine synthetase or glutaminase activity in cancer cells of the patient.



No. of Pages : 363 No. of Claims : 184

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015

(21) Application No.1758/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FAT PROCESSING DEVICE

(51) International classification :A61M1/00
(31) Priority Document No :1300716.6
(32) Priority Date :15/01/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050024
Filing Date :06/01/2014
(87) International Publication No :WO 2014/111688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GOURLAY Terence

(57) Abstract :
A device (11) is provided for the concentration of a mixture of fatty material and aqueous fluid. The device (11) comprises a chamber (31) for receiving a mixture of fatty material and aqueous fluid and a body of absorbent material (25) the chamber (31) being separated from the absorbent material (25) by a barrier member (23) having at least one opening (24) and a shutter element (21) movable from a closed position in which said opening (24) is occluded to an open position in which said opening (24) permits fluid flow from the chamber (31) to the absorbent material (25). It has been found that the use of an absorbent material enables fatty material to be concentrated to the required degree in a passive single vessel process without damage to the fatty tissue. There are also described methods for the use of the device.

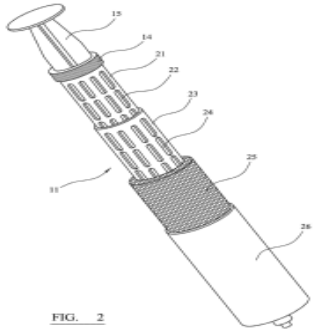

FIG. 2

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.1859/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA COMMUNICATION METHOD AND APPARATUS USING FORWARD ERROR CORRECTION

(51) International classification :H04L1/00
(31) Priority Document No :61/804824
(32) Priority Date :25/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/002070
Filing Date :12/03/2014
(87) International Publication No :WO 2014/157857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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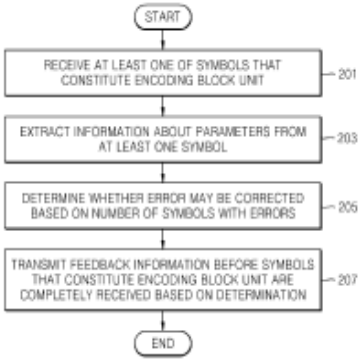
(72)**Name of Inventor :**
1)BAEK Yun sun
2)KIM Yong tae
3)KIM Jae han

(57) Abstract :
A data communication method using forward error correction (FEC) includes: receiving at least one of symbols that constitute one encoding block unit; extracting information related to parameters that adjust an FEC encoding rate from the at least one symbol; determining whether an error may be corrected based on the extracted information related to the parameters and a number of symbols with errors from among the symbols that constitute the encoding block unit; and transmitting feedback information related to the symbols prior to the symbols that constitute the encoding block unit being completely received based on the determination of whether an error may be corrected.



No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1860/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMERIC AGENT FOR OBTAINING A STABLE AQUEOUS COMPOSITION COMPRISING SUSPENDED PARTICLES

(51) International classification :C08F220/28,A61K8/81
(31) Priority Document No :1262409
(32) Priority Date :20/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053175
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :35 rue Amp¨re F 69730 Genay France
(72)**Name of Inventor :**
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2)KENSICHER Yves
3)GUERRET Olivier

(57) Abstract :
n The invention relates to an agent for obtaining a stable aqueous solution comprising a polymer made up of: at least one monomer A of acrylic acid and/or methacrylic acid and/or any one of their salts at least one monomer B of alkyl acrylate and/or methacrylate at least one monomer C corresponding to the following formula (I): T [(EO)(PO)n (BO)n] Z where: T represents an end allowing the copolymerization of the monomer C [(EO)n(PO)n (BO)n] represents a polyalkoxylated chain made up of alkoxylated units distributed into distributed into block alternating or statistical units chosen from among ethyoxylated units EO propoxylated units PO and butoxylated units BO n n n representing independently of one another 0 or an integer varying from 1 to 150 the sum of n n and n not being zero and Z represents a fatty linear or branched chain of at least 16 carbon atoms at least one cross linking monomer D.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015

(21) Application No.1780/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SINGLE FREQUENCY NETWORK (SFN) OPERATION FOR MACHINE TYPE COMMUNICATIONS (MTC) COVERAGE ENHANCEMENTS

(51) International classification :H04W48/12
(31) Priority Document No :61/764533
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016201
Filing Date :13/02/2014
(87) International Publication No :WO 2014/127101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)XU Hao
2)JI Tingfang
3)GAAL Peter
4)MALLADI Durga Prasad
5)WEI Yongbin
6)CHEN Wanshi

(57) Abstract :
Certain aspects of the present disclosure generally relate to wireless communications and more particularly to techniques for single frequency network (SFN) operation for machine type communications (MTC) coverage enhancements. A method is provided for wireless communications by a user equipment (UE). The method generally includes detecting a synchronization signal transmitted from at least one of a plurality of transmission points wherein each of the plurality of transmission points transmits a synchronization signal at a different offset time relative to a subframe boundary in a synchronized network determining a subframe occurring a fixed time after detecting the synchronization signal to monitor for system information transmitted from at least one of the plurality of transmission points and monitoring for a system information block during the determined subframe.

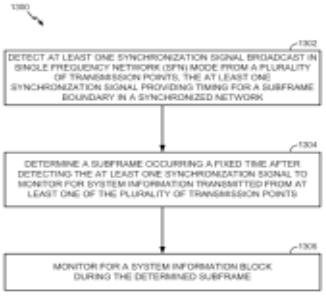

FIG. 13

No. of Pages : 46 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2015
(21) Application No.1781/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPLICATION OF MALTOTRIOSE COATED 4TH GENERATION POLYPROPYLENEIMINE DENDRIMER PPI G4 DS MAL III

(51) International classification :A61K31/785,A61K47/48,A61P35/00
(31) Priority Document No :P.401934
(32) Priority Date :06/12/2012
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2013/000154
Filing Date :03/12/2013
(87) International Publication No :WO 2014/088434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BRYSZEWSKA Maria
3)APPELHANS Dietmar
4)KLAJNERT Barbara

(57) Abstract :
The application of maltotriose coated 4th generation polypropyleneimine dendrimer PPI G4 DS Mal lll containing 80 95% of peripherial amines groups coated with maltotriose particles to make a drug for treating neoplastic proliferation diseases particularly chronic lymphocytic leukemia

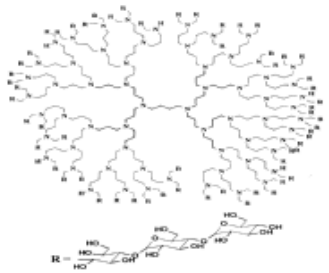


Fig. 1
Pattern of PPI-G4-DS-Mal-III dendrimer particle

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2015
(21) Application No.1870/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR OPENING AND RECLOSING PACKAGES CONTAINING FOOD

(51) International classification :B65D5/74
(31) Priority Document No :10 2013 101 526.3
(32) Priority Date :15/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/051441
Filing Date :24/01/2014
(87) International Publication No :WO 2014/124794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIG TECHNOLOGY AG
Address of Applicant :Laufengasse 18 CH 8212 Neuhausen am Rheinfall Switzerland
(72)**Name of Inventor :**
1)STIRN Mathias

(57) Abstract :
The invention relates to a device for opening and reclosing packages (P) containing food in particular composite cardboard/plastic packages comprising a pouring element (1) with a circumferential flange (2) for securing on the package (P) a pouring nozzle (3) a cutting element (4) which is arranged in the interior of the nozzle (3) and which comprises a plurality of teeth (6) arranged over the circumference and oriented towards the package and a screw cap (5). The cutting element (4) cuts a pour opening into the composite film material by means of a rotational movement of the screw cap (5) when the package (P) is opened for the first time. The aim of the invention is to reduce the required opening force even further when opening food packages for the first time and to distribute the opening force in a uniform manner as much as possible over the entire opening process. This is achieved in that the teeth (6) of the cutting element (4) have a high gradient at the tip of the teeth a flatter gradient on the flanks of the teeth and a high gradient again at the base of the teeth.

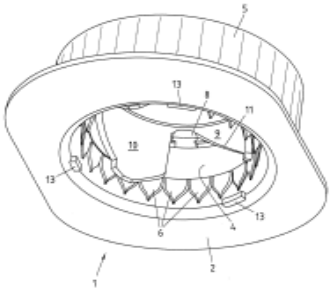


Fig.1

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2015

(21) Application No.1871/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROCKET MOTORS AND THEIR USE

(51) International classification :F41H7/04,F02K1/00,F02K9/97
(31) Priority Document No :1300720.8
(32) Priority Date :15/01/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050110
Filing Date :15/01/2014
(87) International Publication No :WO 2014/111709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SLOMAN Roger
Address of Applicant :Hazlehurst Farm Mercaston Ashbourne Derbyshire DE6 3BH U.K.
(72)**Name of Inventor :**
1)SLOMAN Roger

(57) Abstract :
Apparatus methods and computer programs are provided. In one example an apparatus is a rocket motor comprising: a casing having a length dimension a width dimension and a depth dimension wherein the length dimension is greater than the width dimension and greater than the depth dimension; and propellant located inside the casing arranged to generate a force in a direction that is substantially perpendicular to the length dimension of the casing.

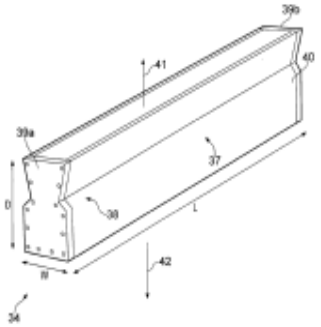


FIG. 1

No. of Pages : 65 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

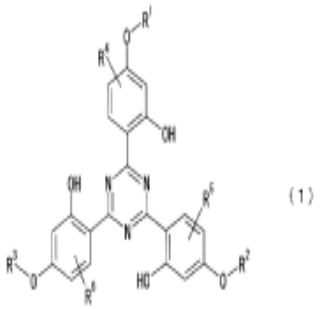
(21) Application No.1659/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHT BLOCKING FILM

(51) International classification :C08J5/18,C08K5/3492,C08L101/00
(31) Priority Document No :2012267538
(32) Priority Date :06/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/082672
Filing Date :05/12/2013
(87) International Publication No :WO 2014/088057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADEKA CORPORATION
Address of Applicant :2 35 Higashiogu 7 chome Arakawa ku Tokyo 1160012 Japan
(72)**Name of Inventor :**
1)KAMIMOTO Tetsuo
2)ISHIMA Yosuke
3)OISHI Masahiro

(57) Abstract :
1346Provided is a light blocking film capable of efficiently blocking ultraviolet rays in the long wavelength region of 380 nm 400 nm by using a small added amount of ultraviolet absorber. The light blocking film is characterized in containing one or more triazine compounds represented by general formula (1) as ultraviolet absorbers or having the triazine compound(s) applied. (In the formula R R may be mutually the same or different and represent linear or branched alkyl groups or the like having 1 12 carbon atoms. However these alkyl groups and the like may be substituted by hydroxy groups or the like and may be interrupted by oxygen atoms sulfur atoms carbonyl groups ester groups amide groups or imino groups. The substitution and the interruption may be combined. R R may be mutually the same or different and represent alkyl groups having 1 8 carbon atoms or alkenyl groups having 2 8 carbon atoms.)


(1)

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015

(21) Application No.1877/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HUMAN IMPLANTABLE TISSUE EXPANDERS

(51) International classification :A61F2/12
(31) Priority Document No :61/758286
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050097
Filing Date :29/01/2014
(87) International Publication No :WO 2014/118773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IMPLITE LTD.
Address of Applicant :34 Lochamei Hageto Street 49651 Petah Tikva Israel
(72)**Name of Inventor :**
1)GLICKSMAN Ami

(57) Abstract :
Human implantable tissue expanders are provided that comprise an inner foam filling enclosed within a substantially non stretchable resilient expansion restricting layer configured to retain a shape and/or volume of said foam filling upon changes of ambient pressure and/or temperature and an outer shell comprising one or more layers formed of a resilient material.

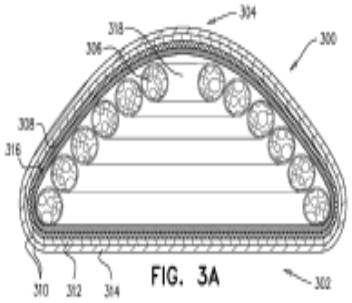


FIG. 3A

No. of Pages : 39 No. of Claims : 42

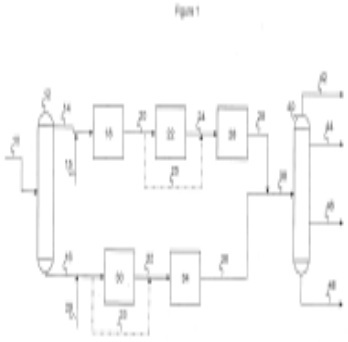
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1878/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : UPGRADING RAW SHALE DERIVED CRUDE OILS TO HYDROCARBON DISTILLATE FUELS

(51) International classification :C10G1/02,C10G65/02,C10G69/10
(31) Priority Document No :13/757203
(32) Priority Date :01/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012161
Filing Date :20/01/2014
(87) International Publication No :WO 2014/120491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUMMUS TECHNOLOGY INC.
Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)GREENE Marvin I.
2)MUKHERJEE Ujjal K.
3)ARORA Arun

(57) Abstract :
Integrated processes for upgrading crude shale derived oils such as those produced by oil shale retorting or by in situ extraction or combinations thereof. Processes disclosed provide for a split flow processing scheme to upgrade whole shale oil. The split flow concepts described herein i.e. naphtha and kerosene hydrotreating in one or more stages and gas oil hydrotreating in one or more stages requires additional equipment as compared to the alternative approach of whole oil hydrotreating. While contrary to conventional wisdom as requiring more capital equipment to achieve the same final product specifications the operating efficiency vis a vis on stream time efficiency and product quality resulting from the split flow concept far exceed in value the somewhat incrementally higher capital expenditure costs.



No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1879/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CODING MULTILAYER VIDEO METHOD AND APPARATUS FOR DECODING MULTILAYER VIDEO

(51) International classification :H04N19/30,H04N19/187
(31) Priority Document No :61/751032
(32) Priority Date :10/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000334
Filing Date :10/01/2014
(87) International Publication No :WO 2014/109607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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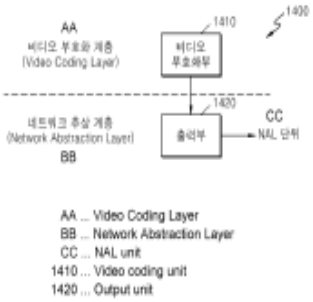
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)CHOI Byeong doo
2)PARK Min woo
3)YOON Jae won
4)KIM Chan yul
5)PARK Jeong hoon

(57) Abstract :
Disclosed are a method and an apparatus for coding a multilayer video and a method and an apparatus for decoding a multilayer video. The present invention comprises: obtaining an NAL unit including coding information and type information of a first layer picture and identifying the type of the first layer picture; obtaining a NAL unit including coding information and type information of a second layer picture and identifying the type of the second layer picture that is configured identically to the type of the first layer picture having an identical POC to that of the second layer picture; and decoding the first layer picture and the second layer picture based on the types of the first layer picture and the second layer picture that have been identified.



No. of Pages : 82 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1689/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND ARRANGEMENT FOR THREAT MANAGEMENT FOR GROUND BASED VEHICLE

(51) International classification :F41H11/00
(31) Priority Document No :13502190
(32) Priority Date :25/02/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2014/050209
Filing Date :20/02/2014
(87) International Publication No :WO 2014/129961
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAE SYSTEMS H„GGLUNDS AKTIEBOLAG
Address of Applicant :S 891 82 –rnskldsvik Sweden
(72)**Name of Inventor :**
1)BACKSTR–M Ronny
2)SVENSSON Gsta

(57) Abstract :
The invention pertains to a method for threat handling of a ground based vehicle comprising the steps of: providing (s410) at least two kinds of systems (250; 260) for said threat handling; wherein said threat handling comprises determining information about said threat and determining actions for handling said threats based upon said information; and providing (s420) a control unit (200) for controlling provided systems (250; 260); providing (s340) a separate hardware safety configuration unit (210); and providing (s440) said separate hardware safety configuration unit (210) with by means of provided means (250; 260) determined information about said threat so as to in an evaluation step deciding if said control unit (200) should be given a go ahead for handling said threat or not. The invention also relates to a computer program product comprising program code (P) for a computer (200) implementing a method according to the invention. The invention also relates to a device and a ground based vehicle (100) which is equipped with the device.

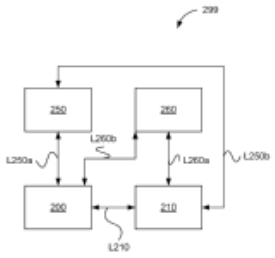


Fig. 2

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.1787/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUXILIARY DEVICE FOR HIGH FLYING AIRCRAFT

(51) International classification :B64D5/00
(31) Priority Document No :10 2012 025 026.6
(32) Priority Date :20/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000799
Filing Date :18/12/2013
(87) International Publication No :WO 2014/094712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AIRBUS DEFENCE AND SPACE GMBH
Address of Applicant :Willy Messerchmitt Strasse 85521 Ottobrunn Germany
(72)**Name of Inventor :**
1)KIEFER Andreas
2)FEDERHEN Jens
3)DRAGON Dieter
4)SCHOLZ Werner

(57) Abstract :
The invention relates to an auxiliary device (20) for a high flying aircraft (10). The auxiliary device (20) comprises an aircraft independent drive (21) for the ascent of the aircraft (10) into the stratosphere said aircraft being detachably coupled with the auxiliary device (20) and can be detached from the aircraft (10) at the latest when a predetermined mission height is reached.

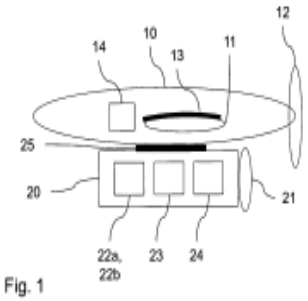


Fig. 1

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015
(21) Application No.1788/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MANUFACTURING REDUCED IRON

(51) International classification :C21B11/00,C21B13/00
(31) Priority Document No :1020120155091
(32) Priority Date :27/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/011716
Filing Date :28/12/2012
(87) International Publication No :WO 2014/104439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)POSCO
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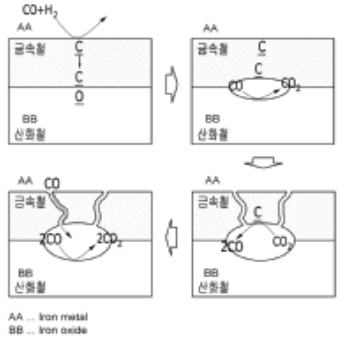
(72)**Name of Inventor :**
1)KIM Hyun Soo
2)CHO Minyoung
3)LEE Dal Hoi
4)KO Chang Kuk

(57) Abstract :
Disclosed is a method for manufacturing reduced iron. The method for manufacturing the reduced iron according to the present invention comprises: charging iron ore into a reduction furnace; injecting reduction gas; and reducing magnetite wherein the iron ore charged into the reduction furnace is mixed with a solid sulfur compound so that the sulfur (S) content with respect to the total mass ratio of the iron ore is between 0.1 1% and wherein the pressure range of the reduction gas is no less than 1 atm.



No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.1789/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHODS FOR DETECTING A CAMERA

(51) International classification :G06K9/20,G06K9/36,G06K9/46
(31) Priority Document No :61/733120
(32) Priority Date :04/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050996
Filing Date :04/12/2013
(87) International Publication No:WO 2014/087405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Haavoda Street 11 4801761 Rosh Haayin Israel
(72)**Name of Inventor :**
1)ELSON Eliahu
2)COHEN Yossef Gerard

(57) Abstract :
A camera detector device for detecting the presence of an illegal camera inside a room. A camera takes multiple pictures of a room and identifies reflections in each still image. If a reflection with similar properties appears repeatedly overtime than the reflection is identified as an illegal camera positioned towards the camera detector device.

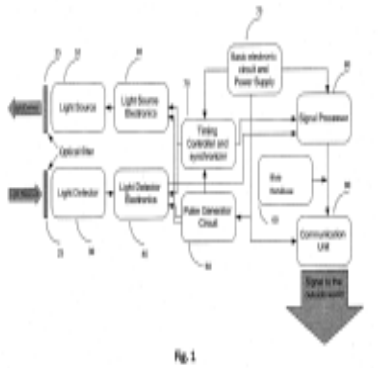

Fig. 1

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015

(21) Application No.1882/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTENTS DISPLAY METHOD AND MOBILE TERMINAL IMPLEMENTING THE SAME

(51) International classification :G06F3/0483,G06F3/01,G06F3/14
(31) Priority Document No :13/739777
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/006221
Filing Date :11/07/2013
(87) International Publication No :WO 2014/109445
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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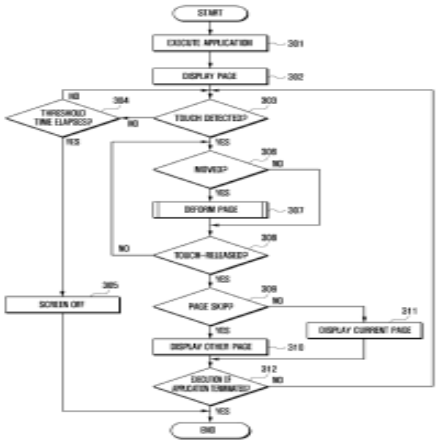
(72)**Name of Inventor :**
1)LEE Sang Hyup
2)LEE Shin Jun

(57) Abstract :
A method and a mobile terminal for displaying contents are provided. The method of displaying contents for pages of a mobile terminal including a display unit in which a touch panel is installed includes: displaying a page; detecting movement of a touch input device with respect to the displayed page; and displaying the page so that the page is convexly deformed and skipped in response to the movement of the touch input device.



No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015

(21) Application No.1690/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DYNAMIC QUALITY OF SERVICE (QOS) FOR SERVICES OVER CELLULAR

(51) International classification :H04W76/00,H04M3/22
(31) Priority Document No :61/760808
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014502
Filing Date :03/02/2014
(87) International Publication No :WO 2014/123823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)MANDYAM Giridhar Dhati
2)MAGGENTI Mark
3)SANTHANAM Arvind
4)ANCHAN Kirankumar

(57) Abstract :
The disclosure is related to dynamically applying quality of service (QoS) to a call. An aspect determines a packet transmission state of a subscriber on the call determines whether or not the QoS is allocated to the subscriber and allocates the QoS to the subscriber based on the QoS not being allocated to the subscriber and the packet transmission state indicating that the subscriber is sending packets. Dynamic QoS allocation to a push to talk PTT over cellular PoC.

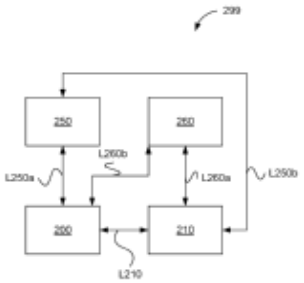


Fig. 2

No. of Pages : 50 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2015
(21) Application No.1691/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IGNITION ENGINE OF THE ROTARY TYPE WITH A DOUBLE ROTATION CENTER

(51) International classification :F01C19/00,F01C21/18,F01C1/44
(31) Priority Document No :BL2012A000010
(32) Priority Date :30/11/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/075273
Filing Date :02/12/2013
(87) International Publication No :WO 2014/083204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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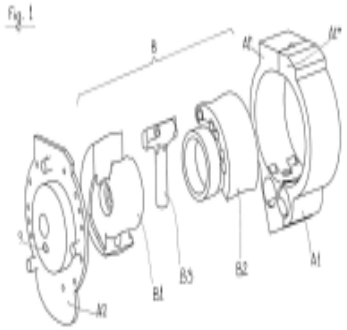
Address of Applicant :Unit 19 The Enterprise Centre off Royce Rd. Manchester M15 5BJ U.K.
(72)**Name of Inventor :**
1)LIBRALATO Ruggero

(57) Abstract :
The present invention refers to a spark ignition engine of the rotary type with a double rotation center comprising a stator (A) with a stator central body (A1) having a compartment (1 2) a first side cover (A2) and a second side cover (A3) wherein the compartment includes an expansion compartment (1) and a compression compartment (2) and a combustion chamber at an upper portion of the compartment (1 2) a rotor (B) with an expansion rotating element (B1) a compressing rotating element (B2) and a hinging linear element (B3) interposed between said expansion rotating element (B1) and the compression rotating element (B2) the rotor is arranged in the compartment (1 2) of the stator central body wherein the expansion compartment (1) comprises a concave inner surface (1a) and the compression compartment (2) comprises a convex inner surface (2a).



No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1886/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR PREVENTING IN DEVICE COEXISTENCE INTERFERENCE AND COMMUNICATIONS APPARATUS UTILIZING THE SAME

(51) International classification :H04W76/04,H04W88/06
(31) Priority Document No :61/819756
(32) Priority Date :06/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/076872
Filing Date :06/05/2014
(87) International Publication No :WO 2014/180300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 Taiwan
(72)**Name of Inventor :**
1)CHEN Yih Shen
2)KO Li Chun
3)HSU Chia Hsiang

(57) Abstract :
A method for preventing in device coexistence (IDC) interference of a communications apparatus including at least a first radio module providing a first wireless communications service in a first wireless network in compliance with a first protocol and a second radio module providing a second wireless communications service in a second wireless network in compliance with a second protocol the method includes: determining whether a protection scheme for preventing IDC interference is to be performed; determining a predetermined time to activate the protection scheme when the protection scheme is determined to be performed; and transmitting a predetermined message to the second wireless network at the predetermined time to activate the protection scheme.

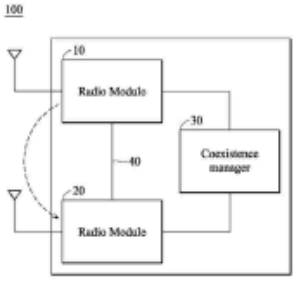

FIG. 1

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015

(21) Application No.1887/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR COLLECTING ACCESS POINT INFORMATION OF WIRELESS LOCAL AREA NETWORK

(51) International classification :H04W64/00,H04W24/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/070176
Filing Date :07/01/2013
(87) International Publication No :WO 2014/106347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI Yingzhe
2)ZHANG Hongzhuo
3)YANG Xiaodong

(57) Abstract :
Disclosed are a method an apparatus and a system for collecting access point (AP) information of a wireless local area network (WLAN). The method specifically comprises: a base station receiving WLAN AP requirement information sent by a network device in a measurement configuration process of minimization of drive tests (MDT) wherein the WLAN AP requirement information is used for requesting a user equipment (UE) to report WLAN AP information; the base station sending the WLAN AP requirement information to the UE; the base station receiving the WLAN AP information sent by the UE wherein the WLAN AP information is collected by the UE according to the WLAN AP requirement information; and the base station sending the WLAN AP information to the network device. Based on architecture of a mobile communications network a technical scheme using embodiments of the present invention can use the measurement configuration process of the MDT for the UE to collect and report the WLAN AP information so as to quickly collect the WLAN AP information.

图 3 / FIG.3

No. of Pages : 65 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.1795/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PNEUMATIC ENERGY MACHINE

(51) International classification :F01B29/10,F03G7/00,F01C13/00
(31) Priority Document No :201310032599.2
(32) Priority Date :28/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072994
Filing Date :21/03/2013
(87) International Publication No :WO 2014/114030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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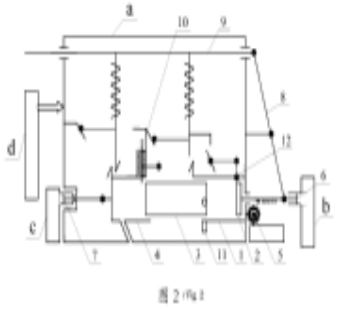
(72)**Name of Inventor :**
1)FENG Xiufu

(57) Abstract :
A pneumatic energy machine comprises a pressure supply system, a power output system, a reset system, and a control system. In the pneumatic energy machine, pressure differences are formed between a first gas storage device, a second gas storage device, a third gas storage device, and atmospheric pressure, and a piston and other assemblies are driven to move through the pressure differences, so that the conversion from pressure energy to kinetic energy is carried out, and energy is continuously output to the outside. The pneumatic energy machine does not use fuel to output energy to the outside, and therefore, has the advantages of being green and environment-friendly. Meanwhile, through the special structural design of the pneumatic energy machine, the pressure in the first gas storage device can be continuously converted into power to be output to the outside, and no heat is released to the outside; therefore, energy loss is greatly reduced, and the energy conversion efficiency is improved.



No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.1796/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SMART ANTENNA PLATFORM FOR INDOOR WIRELESS LOCAL AREA NETWORKS

(51) International classification :H04B7/04
(31) Priority Document No :13/731899
(32) Priority Date :31/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/091046
Filing Date :31/12/2013
(87) International Publication No :WO 2014/101879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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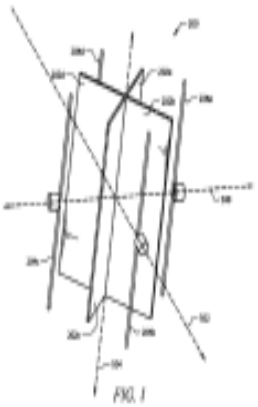
(72)**Name of Inventor :**
1)SAFAVI Saeid
2)HAZIZA Dedi D.

(57) Abstract :
An apparatus comprising a first dipole antenna a beamforming antenna array (BFAA) a first switch coupled to the dipole antenna a second switch coupled to the BFAA and a processor coupled to the first switch and the second switch wherein the processor is configured to select between a multi input multi output (MIMO) antenna configuration and a beamforming configuration by setting the states of the first switch and the second switch.



No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.1797/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOAD BALANCING METHOD AND NETWORK CONTROL NODE

(51) International classification :H04W28/08
(31) Priority Document No :PCT/CN2012/088148
(32) Priority Date :31/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/089367
Filing Date :13/12/2013
(87) International Publication No :WO 2014/101674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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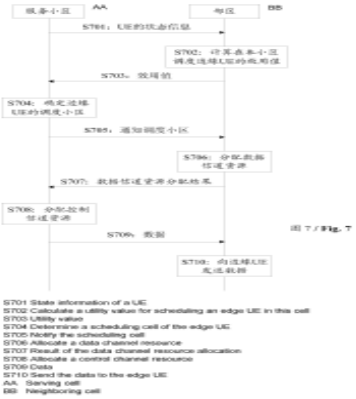
(72)**Name of Inventor :**
1)QIAN Ying
2)FU Yusun
3)WU Yuzhong
4)PENG Jingbo

(57) Abstract :
Embodiments of the present invention provide a load balancing method and a network control node. An entity a serving cell is located selects a scheduling cell for an edge UE and notifies the scheduling cell of allocating a data channel for the edge UE and the control channel is reserved in the serving cell and does not perform switching. In this manner when transparency is implemented to the UE the switching is not required and the objective of load balancing is achieved by means of automatic rapid collaborative scheduling. Therefore in the foregoing load balancing mode a data channel is used as a transfer granularity it is unnecessary to introduce a switching delay and the function of rapidly balancing the transient load is implemented thereby improving the efficiency of the load balancing.



No. of Pages : 60 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015
(21) Application No.1891/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A CHANGE IN POSITION OF A LOCATION MARKER

(51) International classification :G01S5/02
(31) Priority Document No :13/768728
(32) Priority Date :15/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016488
Filing Date :14/02/2014
(87) International Publication No :WO 2014/127240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)PADDON Michael W.
3)CHRISTOPHER James A.
4)MORIARTY Anthony D.

(57) Abstract :
The disclosure is directed to determining a change in position of a location marker. In an aspect it is determined whether the location marker is in a motion state or a static state using sensors integrated into the location marker in response to the determining one or more reachable nodes are discovered and distance measurements are calculated from the location marker to each of the one or more reachable nodes.

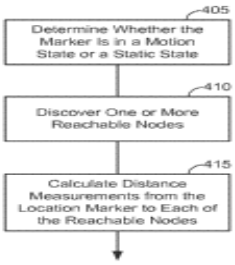

FIG. 4A

No. of Pages : 26 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015
(21) Application No.1803/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTIVATION PROCEDURE FOR DORMANT CELLS

(51) International classification :H04W52/02,H04W76/04
(31) Priority Document No :61/765663
(32) Priority Date :15/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013651
Filing Date :29/01/2014
(87) International Publication No :WO 2014/126712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MALLADI Durga Prasad
3)WEI Yongbin
4)CHEN Wanshi
5)GAAL Peter
6)LUO Tao
7)BHUSHAN Naga

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus may be a UE. The UE receives synchronization signals and an information block from a first base station. The information block includes information indicating whether the first base station is in a dormant state or an active state. The UE detects the first base station based on the received synchronization signals and on the information indicating whether the first base station is in the dormant state or the active state. The UE may receive from a second base station an indication of resources for detecting the first base station. The synchronization signals and the information block may be received in the indicated resources. The UE may move to the first base station from a second base station in a handoff from the second base station to the first base station.

No. of Pages : 46 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015
(21) Application No.1804/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ON LINE BEHAVIORAL ANALYSIS ENGINE IN MOBILE DEVICE WITH MULTIPLE ANALYZER MODEL PROVIDERS

(51) International classification :G06F21/55,H04L29/06
(31) Priority Document No :61/765461
(32) Priority Date :15/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015088
Filing Date :06/02/2014
(87) International Publication No :WO 2014/126779
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GUPTA Rajarshi
2)BAPST Mark
3)RESHADI Mohammad Hossein
4)KUMAR Samir

(57) Abstract :
Methods systems and devices for generating data models in a client cloud communication system may include applying machine learning techniques to generate a first family of classifier models that describe a cloud corpus of behavior vectors. Such vectors may be analyzed to identify factors in the first family of classifier models that have the highest probability of enabling a mobile device to better determine whether a mobile device behavior is malicious or benign. Based on this analysis a second family of classifier models may be generated that identify significantly fewer factors and data points as being relevant for enabling the mobile device to better determine whether the mobile device behavior is malicious or benign based on the determined factors. A mobile device classifier module based on the second family of classifier models may be generated and made available for download by mobile devices including devices contributing behavior vectors.

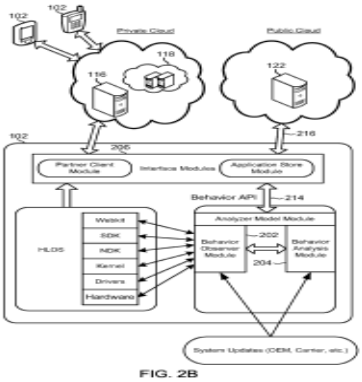

FIG. 2B

No. of Pages : 74 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1898/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION CENTRIC NETWORKING BASED SERVICE CENTRIC NETWORKING

(51) International classification :H04L12/24
(31) Priority Document No :61/749686
(32) Priority Date :07/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/070238
Filing Date :07/01/2014
(87) International Publication No :WO 2014/106497
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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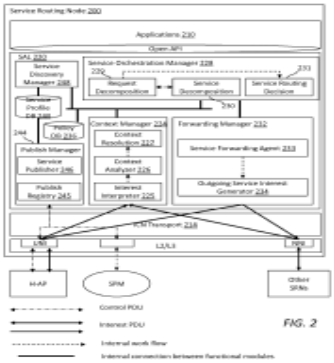
(72)**Name of Inventor :**
1)LIU Xuan
2)RAVINDRAN Ravishankar
3)WANG Guoqiang

(57) Abstract :
A method implemented by a network device residing in a service domain wherein the network device comprises an information centric networking (ICN) transport layer and a service access layer (SAL) for handling context aware service logistics and service mobility overlaid on the ICN transport layer the method comprising receiving in the ICN transport layer a message comprising a service request that originates from a user equipment (UE) in the SAL retrieving from the service request contextual information relevant to the UE or an access network connected to the UE determining based on the contextual information one or more services needed to execute the service request and determining one or more service identities (SIDs) each of which identifies one of the one or more services.



No. of Pages : 86 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015
(21) Application No.1899/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING IN VITRO FERTILIZATION

(51) International classification :A61B17/435
(31) Priority Document No :61/738735
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076315
Filing Date :18/12/2013
(87) International Publication No :WO 2014/100294
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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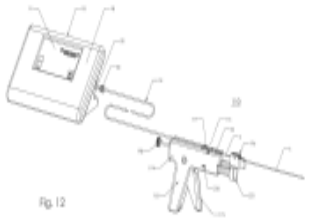
2)DITROLIO Nicholas M.

(57) Abstract :
Devices and methods for performing in vitro fertilization (IVF) and maximizing successful fertilization rates by optimizing the fluid flow conditions under which zygotes are transferred from growth medium to the uterine wall. The apparatus has a control unit with an external port and an internal pump for creating positive and negative fluid pressure at the port. A flexible extension hose connects the port to an inter uterine catheter assembly. The catheter assembly has an inner catheter and an outer sheath surrounding the inner catheter. The control unit includes a programmable microprocessor that accepts input commands and controls operation of the pump. Optionally the control unit has remote control means for activating de activating and reversing the flow of the pump. The control unit can be programmed to repeatedly provide the same aspiration and expulsion flow conditions through the catheter assembly. The control unit may also be programmed to provide a defined sequence of aspiration and expulsion fluid flow conditions through the catheter assembly. The control unit may include an internal memory that records the fluid flow conditions through the catheter assembly during each step of the IVF procedure. By recording the fluid conditions during an G procedure and counting the number of zygotes that successfully develop into embryos under those conditions a statistical analysis is performed to determine the optimum fluid flow conditions for an IVF procedure.



No. of Pages : 49 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015

(21) Application No.1805/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING HAPTIC FEEDBACK OF AN INPUT TOOL FOR A MOBILE TERMINAL

(51) International classification :G06F3/01,G06F3/048,G06F3/041
(31) Priority Document No :1020120146773
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011663
Filing Date :16/12/2013
(87) International Publication No :WO 2014/092512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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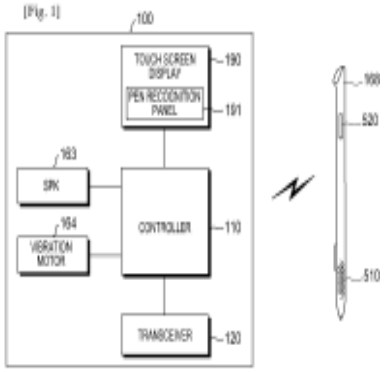
1)PARK Jin Hyoung
2)LEE Ju Youn
3)LEE Sang Hyup

(57) Abstract :
An apparatus and method are provided for controlling haptic feedback of an input tool for a mobile terminal. The method includes detecting by the mobile terminal a hovering of the input tool over an object displayed on a touch screen display of the mobile terminal; identifying a property of the object; and transmitting to the input tool a control signal for haptic feedback corresponding to the property of the object.



No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015

(21) Application No.1806/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR CONTENT BACKUP IN HOME NETWORK SYSTEM

(51) International classification :H04L12/12
(31) Priority Document No :1020120145962
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011665
Filing Date :16/12/2013
(87) International Publication No :WO 2014/092513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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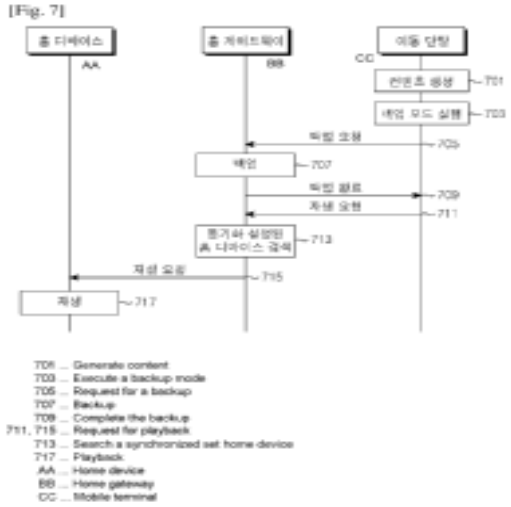
1)MIN Hyun Suk
2)KWEON Ji Hyeon
3)SONG Kwan Woo
4)KIM Kyung Jae
5)LEE Jin Choul
6)CHO Kyu Hyung

(57) Abstract :
The present invention automatically stores content generated in a mobile terminal a camera or the like into a home gateway in a home network system. Further the present invention may transmit if synchronization is set between the home gateway and the home device the backup data in the home gateway to the synchronized set device. The present invention enables the content to be selectively stored and classified using a specific location place memo voice or the like set by a user so as to protect the privacy of the user.

[Fig. 7]



No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015

(21) Application No.1808/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN ANTENNA ARRANGEMENT AND A BASE STATION

(51) International classification :H01Q1/24,H01Q5/00
(31) Priority Document No :13501176
(32) Priority Date :31/01/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2014/050816
Filing Date :16/01/2014
(87) International Publication No :WO 2014/118011
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LENART Gregor

(57) Abstract :
An antenna arrangement for mobile communication the antenna arrangement comprising a plurality of radiators (202 203) for at least two different frequency bands the plurality of radiators being placed on a reflector(204) wherein the plurality of radiators comprises a first group of radiators arranged to operate in a first frequency band of the at least two different frequency bands wherein the plurality of radiators comprises a second group of radiators arranged to operate in a second frequency band of the at least two different frequency bands the first group of radiators forming a first antenna the second group of radiators forming a second antenna wherein the radiators of the first group have the same antenna aperture e.g. the same antenna aperture length as the radiators of the second group.

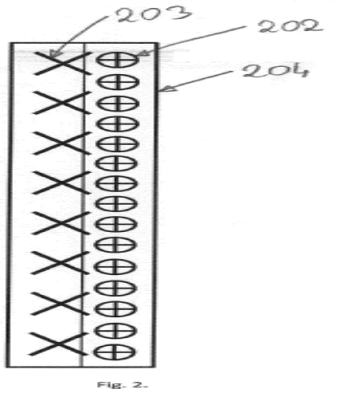

Fig. 2.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015
(21) Application No.1901/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATIC IMAGE RECTIFICATION FOR VISUAL SEARCH

(51) International classification :G06F17/30
(31) Priority Document No :13/772640
(32) Priority Date :21/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014763
Filing Date :05/02/2014
(87) International Publication No :WO 2014/130237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WAGNER Daniel
2)PAN Qi

(57) Abstract :
Disclosed is a computing device that can perform automatic image rectification for a visual search. A method implemented at a computing device includes receiving one or more images from an image capture device storing the one or more images with the computing device building a three dimensional (3D) geometric model for one or more potential objects of interest within an environment based on at least one image of the one or more images and automatically creating at least one rectified image having at least one potential object of interest for a visual search.

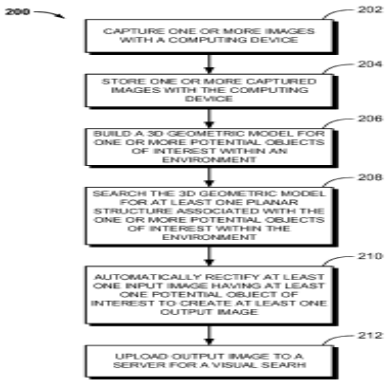

FIG. 2

No. of Pages : 34 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1902/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF PROVIDING A BORON DOPED REGION IN A SUBSTRATE AND A SOLAR CELL USING SUCH A SUBSTRATE

(51) International classification	:H01L21/225,H01L21/324,H01L31/0224
(31) Priority Document No	:2010116
(32) Priority Date	:11/01/2013
(33) Name of priority country	:Netherlands
(86) International Application No Filing Date	:PCT/NL2014/050007 :09/01/2014
(87) International Publication No	:WO 2014/109639
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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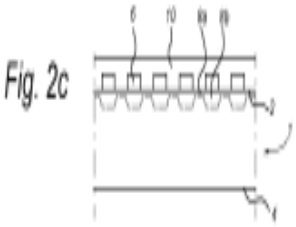
(72)**Name of Inventor :**
1)KOMATSU Yuji
2)ANKER John
3)BARTON Paul Cornelis
4)ROMIJN Ingrid Gerdina

(57) Abstract :
Method of providing a boron doped region (8 8a 8b) in a silicon substrate (1) with the steps of: (a) depositing a boron doping source (6) over a first surface (2) of the substrate (1); (b) annealing the substrate (1) for diffusing boron from the boron doping source (6) into the first surface (2) thereby yielding a boron doped region; (c) removing the boron doping source (6) from at least part of the first surface (2); (d) depositing undoped silicon oxide (10) over the first surface (2); and (e) annealing the substrate (1) for lowering a peak concentration of boron in the boron doped region (8 8a) through boron absorption by the undoped silicon oxide. The silicon oxide (10) acts as a boron absorber to obtain the desired concentration of the boron doped region (8).



No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1712/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLUTION FORMULATIONS OF ENGINEERED ANTI IL 23P19 ANTIBODIES

(51) International classification :A61K39/395,C12P21/08,C07K16/00
(31) Priority Document No :61/737035
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073825
Filing Date :09/12/2013
(87) International Publication No :WO 2014/093203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KASHI Ramesh S.
2)BADKAR Aniket

(57) Abstract :
The present invention provides high concentration solution formulations of anti human interleukin 23 p19 (IL 23p19) antibody hum13B8 b and their use in treating various disorders.

No. of Pages : 92 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015

(21) Application No.1809/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTUATOR AND DISPENSING APPARATUS

(51) International classification :B65D83/20
(31) Priority Document No :2010273
(32) Priority Date :07/02/2013
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2014/050073
Filing Date :06/02/2014
(87) International Publication No :WO 2014/123417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NUIJEN Henricus Johannes Cornelius
2)SCHOENMAKERS Antonetta Johanna Maria
3)VOS Hermanus Jacobus

(57) Abstract :
The invention relates to an actuator for dispensing the liquid contents of a container in the form of a spray. The actuator comprises an actuator cap an axial spray channel with an orifice for spraying the contents of the container and an axial feed channel for connection a container outlet to the spray channel. A breakup wedge is provided in the feed channel such that it splits the feed channel into two sub channels each connected via a side inlet opening with an inlet portion of the spray channel. Thus in use a flow of content is split into two sub flows by the breakup wedge which sub flows subsequently collide in the inlet portion of the spray channel causing a turbulent flow of the liquid product in the inlet portion of the spray channel which turbulent flow is guided by the spray channel towards and out of the dispensing opening.

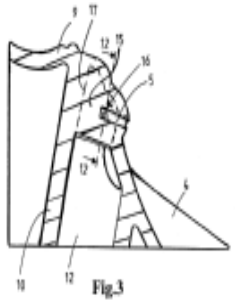
Fig.3

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015
(21) Application No.1810/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING RESPONSE SIGNAL IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/18
(31) Priority Document No :1020120146598
(32) Priority Date :14/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011503
Filing Date :12/12/2013
(87) International Publication No :WO 2014/092466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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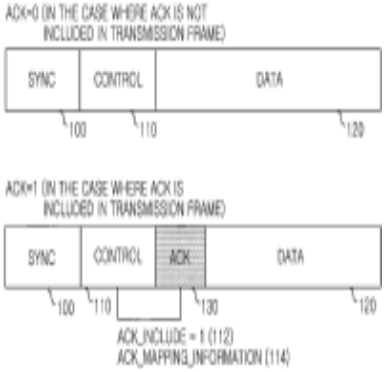
2)SEO Jong Soo
3)BAE Jae Hyeon
4)JO Soon Ki
5)KIM Hak Jin

(57) Abstract :
A method and an apparatus for transmitting and receiving a response signal in a wireless communication system are provided. In a method for transmitting a response signal in a broadcasting system Acknowledgement (ACK) information for uplink packet data for each user is generated. A symbol and a subcarrier which will transmit the ACK information for each user inside a transmission frame are determined. ACK transmission related information is transmitted via a control channel inside the transmission frame. The ACK information for each user is transmitted via the determined symbol and subcarrier inside the transmission frame.



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1906/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETERMINATION OF A LEAKAGE RATE OF AN INSULATION GAS

(51) International classification	:H02B13/065,G01M3/26,H01H33/56
(31) Priority Document No	:13 50556
(32) Priority Date	:22/01/2013
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2014/051010 :20/01/2014
(87) International Publication No	:WO 2014/114587
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)AIT ABDELMALEK Farid
2)RAYON Jean Luc
3)WEIDMANN Wilfrid

(57) Abstract :
The invention relates to a method for determining a rate of leakage of an insulation gas from a gas insulated compartment (C1 C2 C3) of an electrical apparatus comprising a plurality of similar compartments characterized in that it comprises the steps of: periodically determining (E3) a gas density (D1 D2 D3) for each of the compartments determining (E4) respective straight lines (DR1 DR2 DR3) on the basis of series of gas densities for each of the compartments comparing (E6) the slopes of the determined straight lines to one another detecting (E7) a leak if the result of a comparison for one of the slopes is greater than a threshold and in the event of a detection determining (E8) a leakage rate for the compartment associated with the slope that led to a detection.

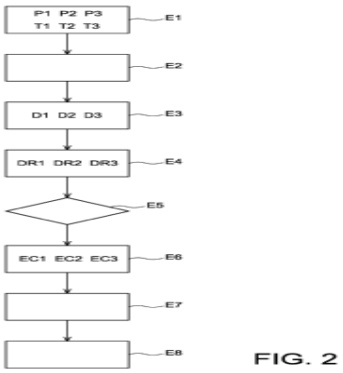

FIG. 2

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015
(21) Application No.1907/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR THE OXIDATIVE DEHYDROGENATION OF N BUTENES TO BUTADIENE

(51) International classification :C07C5/48,C07C7/00,C07C7/08
(31) Priority Document No :13151362.4
(32) Priority Date :15/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050668
Filing Date :15/01/2014
(87) International Publication No :WO 2014/111406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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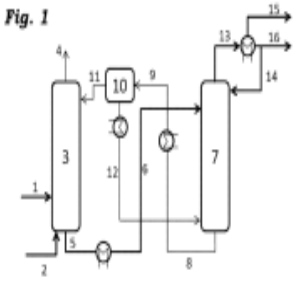
2)WECK Alexander
3)GIESA Sonja
4)BTEHORN Steffen
5)BALEGEDDE RAMACHANDRAN Ragavendra Prasad
6)BENFER Regina
7)WEBER Markus

(57) Abstract :
444The invention relates to a method for producing butadine from n butenens consisting of the following steps: A) a feed gas flow (a) containing n butenes is provided; B) the feed gas flow (a) containing n butenes and an oxygen containing gas is fed to at least one dehydrogenation area and is oxidatively dehydrogenated from n butenes to form butadiene; a product gas flow (b) containing butadiene unreacted n butenes water vapour oxygen low boiling hydrocarbons optionally carbon oxides and optionally inert gases is obtained; C) the product gas flow (b) is cooled and compressed in at least compression step; at least one condensate flow (c1) containing water and a gas flow (c2) containing butadiene n butenes water vapour oxygen low boiling hydrocarbons optionally carbon oxides and optionally inert gases is obtained; D) non condensable and low boiling gas component parts containing oxygen low boiling hydrocarbons optionally carbon oxides and optionally inert gases are separated from the gas flow (c2) by Da) absorbing C4 hydrocarbons containing butadiene and n butenes in absorption means boiling at a high temperature wherein an absorption agent flow charged with C4 hydrocarbons and the gas flow (d2) are obtained Db) the oxygen is removed from the absorption agent flow charged with the C4 hydrocarbon by stripping with the inert gas and Dc) the C hydrocarbons are desorbed from the charged absorption agent flow and a C product gas flow (d1) which consists essentially of C hydrocarbons and has less that 100ppm oxygen is obtained. E) the C4 product flow (d1) is separated by extractive distillation using a selected solvent for butadiene in a butadiene and the material flow (e1) containing the selective solvent and a material flow (e2) containing n butenes; F) the butadiene and the material flow (e1) containing the selective solvent is distilled in a material flow (f1) consisting essentially of the selective solvent and a material flow (f2) containing a butadiene.



No. of Pages : 30 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1819/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR PRESENTING ADVERTISEMENT INFORMATION

(51) International classification	:H01L 21/00, G06Q30/02
(31) Priority Document No	:1020120147726
(32) Priority Date	:17/12/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/011653 :16/12/2013
(87) International Publication No	:WO 2014/098431
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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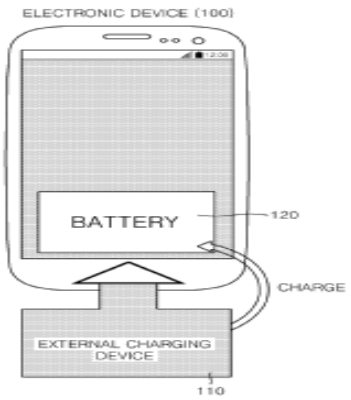
1)MOON Min jeong
2)CHANG Woo yong
3)CHO Hyung rae
4)HAN Chul ho

(57) Abstract :
A method and device for allowing an electronic device to output advertisement information while the electronic device is being charged by an external charging device is provided. A method of controlling the electronic device for presenting advertisement information includes operations of connecting with the external charging device for data communication; in response to an external charging device charging of a battery installing an application in the electronic device; in response to the external charging device being connected for the data communication; and outputting the advertisement information to the electronic device by using the application.



No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1820/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD OF CONTROLLING SURROUNDING DEVICES BASED ON TOPOLOGY

(51) International classification :H04L12/12
(31) Priority Document No :1020120147724
(32) Priority Date :17/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011722
Filing Date :17/12/2013
(87) International Publication No :WO 2014/098441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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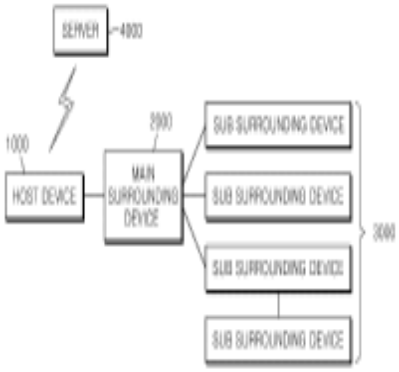
(72)**Name of Inventor :**
1)JEONG Hee seok
2)CHOI Yong jin

(57) Abstract :
A system and method of controlling surrounding devices based on a topology are provided. The method of controlling sub surrounding devices which is performed by a main surrounding device includes receiving a plurality of pieces of surrounding device information about the sub surrounding devices from a host device; receiving context information about a context of the host device from the host device; obtaining topology setting information about topology configuration standards; determining a sub surrounding device to be comprised in a topology from among the sub surrounding devices based on the context information and the topology setting information; connecting the main surrounding device with the host device and the sub surrounding device; and controlling the sub surrounding device based on control information received from the host device.



No. of Pages : 77 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1911/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENCODING INTER LAYER VIDEO FOR COMPENSATING LUMINANCE DIFFERENCE AND DEVICE THEREFOR AND METHOD FOR DECODING VIDEO AND DEVICE THEREFOR

(51) International classification :H04N19/31,H04N19/187
(31) Priority Document No :61/750966
(32) Priority Date :10/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000314
Filing Date :10/01/2014
(87) International Publication No :WO 2014/109594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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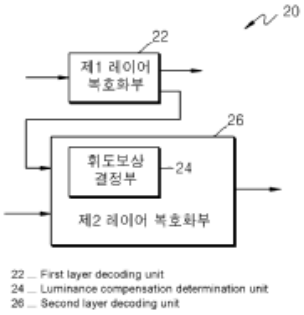
2)YOON Jae won
3)CHOI Byeong doo

(57) Abstract :
Provided are a method for encoding an inter layer video for performing luminance compensation according to each image characteristic of blocks of other layer images and a device therefor and a method for decoding an inter layer video and a device therefor. The provided method for decoding an inter layer video comprises: restoring first layer images on the basis of encoding information obtained from a first layer bitstream; determining whether to carry out luminance compensation for a second layer restoration block which is determined by using a first layer reference block corresponding to a second layer block among the restored first layer images so as to restore the second layer block determined by a prediction mode and a predetermined partition type; generating the second layer restoration block by using the first layer reference block and inter layer prediction information obtained from a second layer bitstream; and generating a second layer image which includes the second layer restoration block of which the luminance is determined depending on whether to perform the luminance compensation.



No. of Pages : 108 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015
(21) Application No.1912/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING A THERMAL POLICY OF A RECEIVING DEVICE THAT COUPLES TO A PORTABLE COMPUTING DEVICE

(51) International classification :G06F1/16,G06F1/20,G06F1/26
(31) Priority Document No :13/773862
(32) Priority Date :22/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016652
Filing Date :16/02/2014
(87) International Publication No :WO 2014/130377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAIN Ankur
2)DOSHI Paras S.
3)MITTER Vinay
4)VADAKKANMARUVEEDU Unnikrishnan

(57) Abstract :
A method and system for managing a thermal policy of a receiving device that couples to a portable computing device (PCD) includes automatically detecting a presence of the PCD. After detecting the presence of the PCD a command to deactivate a thermal sensor and to deactivate a power supply within the PCD may be issued. The thermal policy manager module of the receiving device may issue a command to adjust an operating condition of a processor within the PCD if a temperature value reaches a predetermined value. The thermal policy manager module may also adjust operation of an active cooling device if the temperature value sensed by a sensor within the PCD reaches a predetermined value. The receiving device may include at least one of a docking station a tablet personal computer a laptop personal computer a desktop personal computer a portable media player a portable television and a printer.

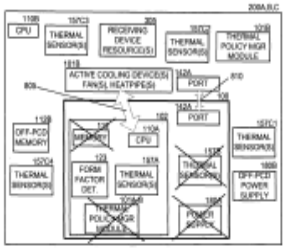

FIG. 8

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1822/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LATERALLY EXPANDABLE INTERVERTEBRAL FUSION IMPLANT

(51) International classification :A61F2/44,A61F2/46,A61F2/28
(31) Priority Document No :20 2012 011 960.5
(32) Priority Date :14/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/076688
Filing Date :16/12/2013
(87) International Publication No :WO 2014/091029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DMUSCHEWSKY Klaus

(57) Abstract :
The application relates to an intervertebral fusion implant for fusing two adjacent vertebrae comprising an adjustable support member (2) the bottom and top surfaces (23 34) of which are designed to come to rest on end plates of the adjacent vertebrae. A side arm (3) which can be laterally swiveled about a joint (30) has a planar bottom (34) and a planar top (33). An actuation device (4) is provided for swiveling the side arm (3) into a position in which the side arm is spread apart from the support member (2) (fig. 2b; operational position). As a result the implant is particularly small and can after being implanted at the target location be actuated in such a way that it expands and consequently provides a larger support surface in the intervertebral space. Minimally invasive surgery can thus be used to heal even relatively large area defects.

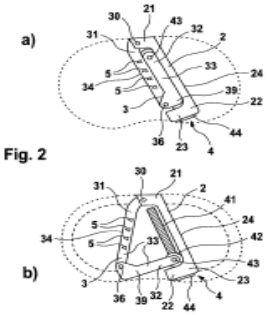

Fig. 2

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1823/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERVERTEBRAL CAGE EXPANDABLE STEP BY STEP

(51) International classification :A61F2/44,A61F2/46,A61F2/28
(31) Priority Document No :20 2012 011 958.3
(32) Priority Date :14/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/076697
Filing Date :16/12/2013
(87) International Publication No :WO 2014/091030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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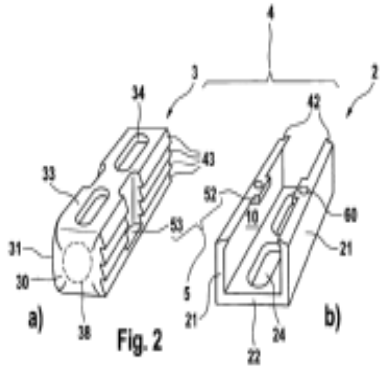
(72)**Name of Inventor :**
1)DMUSCHEWSKY Klaus

(57) Abstract :
Intervertebral fusion implant for fusing two adjacent vertebrae comprising a base piece (2) and a top piece (3) both of which are designed to come to rest against a facing end plate of one of the adjacent vertebrae. The top piece is vertically adjustable relative to the base piece a ratchet device (4) being provided between the base piece (2) and the top piece (3) said ratchet device causing a step by step vertical adjustment and preventing a set height from being reduced due to restoring forces. Said implant allows for a defined expansion according to the number of actuations. The state of expansion can be controlled with precision in a purely haptic manner. Furthermore the ratchet device allows the implant to remain in the set expanded state.



No. of Pages : 43 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1824/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIP PROSTHESIS HAVING AN OPTIMIZED SHAFT

(51) International classification :A61F2/36,A61F2/30
(31) Priority Document No :13150040.7
(32) Priority Date :02/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050022
Filing Date :02/01/2014
(87) International Publication No :WO 2014/106636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WALDEMAR LINK GMBH & CO. KG
Address of Applicant :Barkhausenweg 10 22339 Hamburg Germany
(72)**Name of Inventor :**
1)LINK Helmut D.

(57) Abstract :
The invention relates to a femoral hip prosthesis comprising a shaft (2) which is suitable for anchoring in the femur (9) and which has a medial side (M) and an opposite lateral side (L) and a distal end (22) and a proximal end (25) at which a medially facing neck piece (3) is arranged on the acetabulum by means of a bearing element (4) for pivotable support and the shaft (2) has an S shaped curvature between the proximal end (25) of the shaft and the distal end (22) of the shaft wherein the shaft (2) has a round cross section in the distal region (21) of the shaft and has a chamfer (4) at the distal end (22) of the shaft which chamfer extends over a length corresponding to the width of the shaft in the distal region (21). The combination of the taper in the distal region with a round cross section has an atraumatic effect and achieves good anchoring and improved insertion capability.

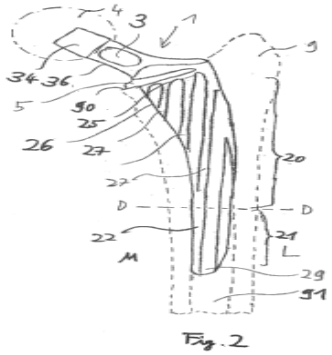


Fig. 2

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1918/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR MEASURING RESIDUAL OIL

(51) International classification :G01N33/00
(31) Priority Document No :10 2013 100 950.6
(32) Priority Date :30/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/051041
Filing Date :20/01/2014
(87) International Publication No :WO 2014/118028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEKO TECHNOLOGIES GMBH
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(72)**Name of Inventor :**
1)FRIEDRICH Martin

(57) Abstract :
The invention relates to a measuring device for detecting amounts of hydrocarbon in gases and comprising a first sensor (22) for determining the amount of hydrocarbon in a first measurement gas flow (38) and for producing a corresponding first measurement result a second sensor (24) for determining the amount of hydrocarbon in a second measurement gas flow (39) and for producing a corresponding second measurement result and an evaluation unit for evaluating the measurement results of the two sensors (22 24) the first sensor (22) being a metal oxide semiconductor gas sensor and carrying out measurements continuously and the second sensor (24) being a photoionisation sensor and carrying out measurements intermittently. (Figure 1) The invention also relates to a method for recording the amount of hydrocarbon in a gas flow.

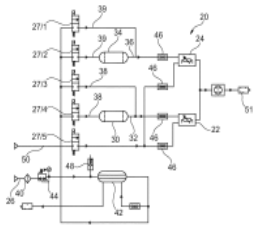

Fig. 1

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1826/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLAVONOID BASED COMPOSITION FOR PHARMACEUTICAL NUTRITIONAL OR COSMETIC USE HAVING POTENTIATED ANTIOXIDANT ACTION

(51) International classification	:A61K36/63,A61K36/87,A61K31/353
(31) Priority Document No	:MI2013A000397
(32) Priority Date	:15/03/2013
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/EP2014/055162 :14/03/2014
(87) International Publication No	:WO 2014/140312
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)BENEDUSI Anna
3)MARZANI Barbara
4)MASCOLO Antonio
5)LIMITONE Antonio
6)BARONI Sergio

(57) Abstract :
The invention relates to a composition for pharmaceutical or nutritional or cosmetic use formulated for oral or topical use and possessing antioxidant activity against free radicals comprising: a) a Vitis vinifera seed or seed and leaf extract containing a combination of the flavonoids catechin and quercetin in a molar ratio in a range from 6:1 to 3:1 respectively or a) a Vitis vinifera seed or seed and leaf extract containing a combination of the flavonoids catechin and quercetin in a molar ratio in a range from 7:1 to 4:1 respectively or a) a mixture of Vitis vinifera extracts a) and a) or a) a mixture of catechin and quercetin in a molar ratio in a range from 7:1 to 3:1 respectively together with b) an olive Olea europaea L leaf extract having a hydroxytyrosol content in a range from 1 % to 30% by weight of the extract or b) hydroxytyrosol in an amount equal to that contained in the b) extract.

No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015

(21) Application No.1827/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BEVERAGE CAPSULE MACHINE FOR MAKING SINGLE USE BEVERAGE CAPSULES

(51) International classification :B65B29/02,B65B35/02,B65B35/18
(31) Priority Document No :BO2013A000096
(32) Priority Date :06/03/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/059211
Filing Date :24/02/2014
(87) International Publication No :WO 2014/136015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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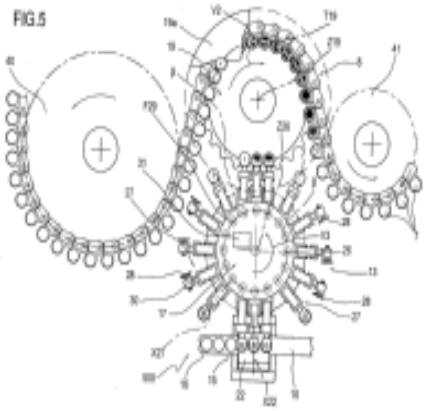
(72)**Name of Inventor :**
1)REA Dario
2)CASTELLARI Pierluigi

(57) Abstract :
A machine for making single use capsules (1) for extract or infusion beverages comprises: a transport element (8) for transporting rigid containers (2) and being closed in a loop around movement means (9); a feeding station (11) for feeding the rigid containers (2) into respective pockets (10) of the transport element (8); a dosing station (12) for dosing the product into the rigid container (2); a closing station (13) for closing the rigid container (2) with a piece of sheet (7); an outfeed station (14). The closing station (13) comprises a unit (500) for preparing and feeding single pieces of sealing sheet (7) correlated with the shape of the upper aperture (4) of the rigid container (2); transfer means (17) by which individual pieces of sealing sheet (7) are withdrawn sequentially and continuously from the preparing and feeding unit (500) and by which the selfsame pieces (7) are transported and delivered to a sealing wheel (19) adapted to seal the piece of sealing sheet (7) to the rigid container (2).



No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1920/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR STARTING EXTERNAL APPLICATION PROGRAM IN BROWSER

(51) International classification :G06F9/45
(31) Priority Document No :201210553047.1
(32) Priority Date :17/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086450
Filing Date :01/11/2013
(87) International Publication No :WO 2014/094508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GUANGZHOU UCWEB COMPUTER TECHNOLOGY CO. LTD
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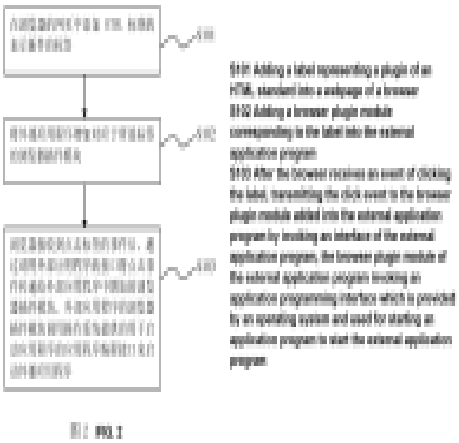
(72)**Name of Inventor :**
1)LIANG Jie
2)KUANG Yaozong

(57) Abstract :
Provided are a method and device for starting an external application program in a browser. The method comprises: adding a label representing a plugin of an HTML standard into a webpage of a browser; adding an external application program plugin module corresponding to the label into the external application program; and after the browser receives an event of clicking the label transmitting the click event to the external application program plugin module added into the external application program by invoking an interface of the external application program the external application program plugin module of the external application program invoking an application programming interface which is provided by an operating system and used for starting an application program to start the external application program. According to the present invention the defects that the HTML standard of the browser is damaged in the prior art and the browser needs to be modified every time it supports one more external application program are overcome; and the external application program can be started and supported in the case that the HTML standard of the browser is not damaged and the browser need not be modified.



No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1903/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANALYTICS ENGINES FOR IOT DEVICES

(51) International classification :G06F15/173
(31) Priority Document No :61/769127
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018278
Filing Date :25/02/2014
(87) International Publication No :WO 2014/131005
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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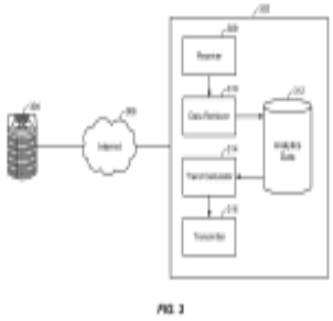
2)SHUMAN Mohammed Ataur Rahman
3)GUPTA Binita
4)AGGARWAL Ashutosh
5)SHARMA Sandeep

(57) Abstract :
Methods and apparatuses for optimizing performance using data from an Internet of Things (IoT) device with analytics engines. The method receives from a requesting Internet of Things (IoT) device a request for trend data of physical resource consumption based at least in part on a portion of received data from at least one of a plurality of IoT devices. The method retrieves from memory of an analytics engine at least the portion of the received data. The method calculates in a calculator of the analytics engine the trend data based on at least the portion of the received data. The method transmits to the requesting IoT device the calculated trend data wherein the requesting IoT device adjusts parameters in an IoT device using the calculated trend data.



No. of Pages : 43 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1904/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR DYNAMICALLY ALTERING A DOWNLINK MIMO CONFIGURATION

(51) International classification :H04B7/06,H04B7/04,H04B7/08
(31) Priority Document No :61/768309
(32) Priority Date :22/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2014/017838
Filing Date :21/02/2014
(87) International Publication No :WO 2014/130893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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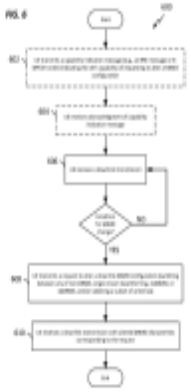
(72)**Name of Inventor :**
1)ZHANG Danlu
2)SAMBHWANI Sharad Deepak

(57) Abstract :
A mobile wireless device may dynamically alter a downlink MIMO function byswitching it on and off or switching between different downlink MIMO configurations such as 2xMIMO and 4xMIMO. Still further a mobile device having greater than two antennas may dynamically select a subset of the antennas to be used to receive a MIMO transmission and further enable a mobile device to request a subset of antennas at a base station to be used for the MIMO transmission. This dynamic control of the MIMO mode or configuration may be achieved by using implicit signaling by way of an enlarged code word set in CQI feedback transmissions or by using explicit signaling by way of E DPCCH orders. In this way a MIMO capable mobile device may dynamically be configured for downlink MIMO transmissions as the conditions demand enabling MIMO to be switched off when its use might otherwise cause performance to suffer.



No. of Pages : 46 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1905/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CUSHION LIKE SHAPED BODY AND USE THEREOF

(51) International classification :C08J7/04,A43B13/18,A47C7/02
(31) Priority Document No :10 2013 001 169.8
(32) Priority Date :24/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/000165
Filing Date :23/01/2014
(87) International Publication No:WO 2014/114453
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)DREYLING Hans Hermann
3)KLINGEBIEL Jan
4)KLINGEBIEL Frank Stefan

(57) Abstract :
A cushion like shaped body (1) having an elastic gel like filling (2) in a thin walled outer layer (3) are frequently used as seals cushions vibration dampers or shape compensation materials. This shaped body (1) is to be able to withstand severe strains distortions compressions and flexural forces both in the event of brief severe stress and in the event of prolonged stress. For this purpose the cushion like shaped body (1) has a filling (2) of a polyurethane having Shore (000) hardness less than or equal to 80 and a compression set less than or equal to 14% and this filling (2) is present within a shell having an outer layer (3) of a soft silicone material having a layer thickness of 0.075 to 1 mm and a Shore A hardness between 3A and 45A. Such a shaped body (1) is able to return to its original form without lasting elongation after tensile strain at room temperature up to 250%. There is no formation of cracks detachment phenomena bubbles folds or other lasting damage. The elongation does not cause visible detachment between filling (2) and outer layer (3).

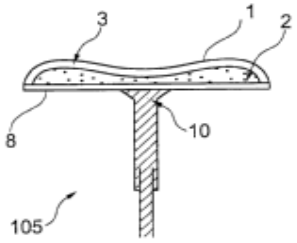

Fig. 11

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015
(21) Application No.1924/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CAUSING PORTABLE TERMINAL TO OBTAIN SITE PAGE OF WEB SERVER ASSOCIATED WITH CURRENT LOCATION

(51) International classification :H04W4/02,G06F13/00,H04M11/00
(31) Priority Document No :2012278443
(32) Priority Date :20/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/084121
Filing Date :19/12/2013
(87) International Publication No :WO 2014/098192
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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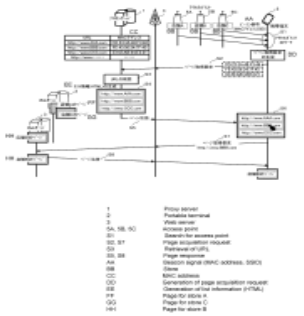
(72)**Name of Inventor :**
1)ANDO Yuta

(57) Abstract :
Provided is a method that causes a portable terminal to obtain a site page for a web server associated with the current location without any selection being made by a user. A proxy server contains an address correspondence table in which the addresses of site pages are stored in association with the addresses of access points. A terminal device searches for access points in the vicinity receives notification signals that contain the addresses of the access points and measures the reception levels of the notification signals. Next the terminal device transmits a page acquisition request which contains the addresses and reception levels of multiple access points to the proxy server. Thereafter the proxy server retrieves the addresses of site pages that correspond to the addresses of the respective access points by using the address correspondence table and sends list information in which those addresses are listed in descending order of reception levels back to the portable terminal. The portable terminal presents the list information to the user and transmits page acquisition requests having one or more addresses as destinations to corresponding site servers.



No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015
(21) Application No.1925/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS VARIABLE MEASUREMENT USING PRIMARY ELEMENT CONNECTION PLATFORM

(51) International classification :G01F1/40,G01F15/18
(31) Priority Document No :13/836263
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021597
Filing Date :07/03/2014
(87) International Publication No :WO 2014/149942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STROM Gregory Robert
2)DEEGAN Paul Timothy

(57) Abstract :
An apparatus (102) for measuring a process variable of a process fluid based upon a process variable sensor measurement includes an elongate spool (110) that provides a spool conduit therethrough adapted to be coupled in line with process piping (104) to receive a flow of process fluid. A meter body (112) is carried in the elongate spool (110) and receives the spool conduit therethrough. The meter body (112) has a primary element opening (144) which extends from the spool conduit to outside of the meter body (112). A carrier (114) is configured to removably mount to the meter body (112) and includes a primary element (170) in the spool conduit through the primary element opening (144). A process variable transmitter (116) is coupled to the primary element (170) and is configured to measure the process variable of process fluid. The meter body (112) is preferably configured to receive different types of primary elements (170) carried on the carrier (114).

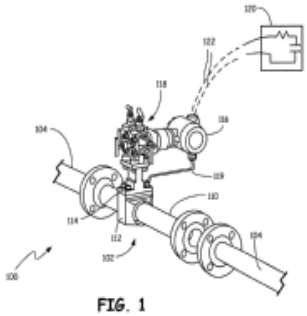

FIG. 1

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1926/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SCALABLE VIDEO ENCODING METHOD AND APPARATUS USING IMAGE UP SAMPLING IN CONSIDERATION OF PHASE SHIFT AND SCALABLE VIDEO DECODING METHOD AND APPARATUS

(51) International classification :H04N19/187,H04N19/30
(31) Priority Document No :61/748919
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000094
Filing Date :06/01/2014
(87) International Publication No :WO 2014/107066
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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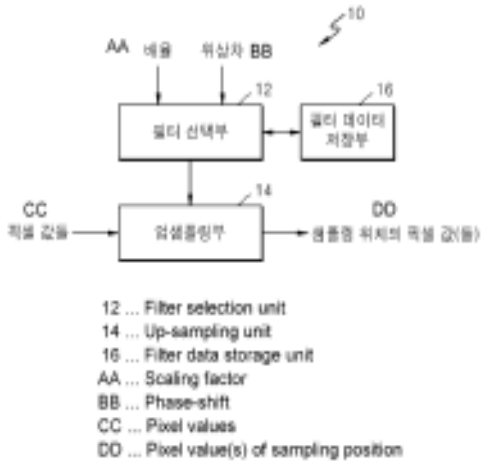
(72)**Name of Inventor :**
1)ALSHINA Elena
2)ALSHIN Alexander

(57) Abstract :
The present invention provides a method for determining an up sampling filter for correctly interpolating a sample value of each sampling position according to an up sampling ratio so as to enable scalable video encoding and decoding. An up sampling method for scalable video encoding determines a phase shift between a low resolution image pixel and a high resolution image pixel on the basis of a scaling factor between a high resolution image and a low resolution image generates the high resolution image by selecting at least one filter coefficient set corresponding to the phase shift among filter coefficient data including filter coefficient sets corresponding to each phase shift and filtering the low resolution image and generates an improved layer bit stream including up sampling filter information indicating a phase shift and high resolution encoding information generated by encoding the high resolution image.



12 ... Filter selection unit
14 ... Up-sampling unit
16 ... Filter data storage unit
AA ... Scaling factor
BB ... Phase-shift
CC ... Pixel values
DD ... Pixel value(s) of sampling position

No. of Pages : 119 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

(21) Application No.1841/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTINUOUS EXTRACTOR CONCENTRATOR AND DRYER

(51) International classification :B01D11/02
(31) Priority Document No :61/736211
(32) Priority Date :12/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074559
Filing Date :12/12/2013
(87) International Publication No :WO 2014/093573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STROHSCHEIN Rudy

(57) Abstract :
Continuous extraction units are constructed having a plurality of extraction chambers containing extractable material. Without disruption of total fluid flow in the unit: an extraction chamber completely depleted of extract can be evacuated of solvent and replaced with an extraction chamber containing fresh extractable material. The extract is continuously separated from the solvent in an expansion chamber where it is continuously or periodically removed from the unit. All solvent can be retained within the unit. One or more compressors can be used to circulate the fluid through the extraction chambers the expansion chamber and a condenser where the expansion chamber and the condenser can be coupled as a heat exchanger.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

(21) Application No.1842/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BEVERAGE PRESERVATIVE SYSTEM BASED ON PIMARICIN AND HEADSPACE GAS

(51) International classification :A23L2/44
(31) Priority Document No :61/758988
(32) Priority Date :31/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013722
Filing Date :30/01/2014
(87) International Publication No :WO 2014/120857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PEPSICO INC.
Address of Applicant :700 Anderson Hill Road Purchase New York 10577 U.S.A.
(72)**Name of Inventor :**
1)SMITH Richard T.
2)SANNITO Dan

(57) Abstract :
The present invention provides for the stabilization of the food grade antifungal agent pimaricin against the degradative effect of oxygen in a manner that does not compromise the activity of pimaricin toward fungi that are typically the cause of spoilage in high acid beverages. This invention relates to beverage preservative systems and beverage products comprising the preservative systems. In particular this invention relates to beverage preservative systems having formulations suitable to meet consumer demand for healthy and environmentally friendly ingredients.

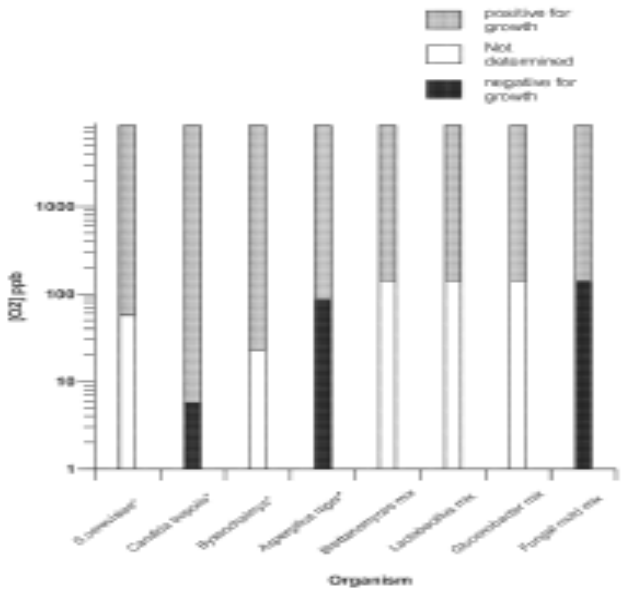

FIG. 1

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1930/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROLLING MANY DIFFERENT DEVICES FROM A SMART CONTROLLER

(51) International classification :H04L29/08
(31) Priority Document No :61/769148
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018406
Filing Date :25/02/2014
(87) International Publication No :WO 2014/131035
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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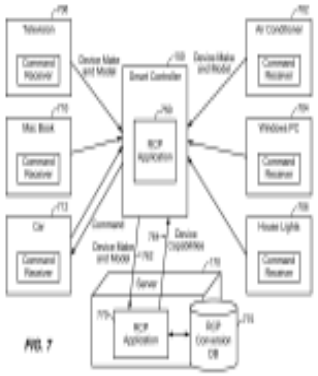
(72)**Name of Inventor :**
1)GLICKFIELD Sarah
2)GUEDALIA Isaac David
3)GUEDALIA Jacob

(57) Abstract :
The disclosure is directed to controlling of Internet of Things (IoT) devices based on detecting a device and obtaining control information and associated rules for controlling the device. The control functions available to a smart controller can vary based on the condition of the various rules and/or the interaction of the various devices detected.



No. of Pages : 43 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1931/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHEMICAL COMPOUNDS

(51) International classification :C07D413/14,A61K31/4245,A61K31/4196
(31) Priority Document No :13305078.1
(32) Priority Date :23/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2014/050163
Filing Date :22/01/2014
(87) International Publication No :WO 2014/114928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASTRAZENECA AB
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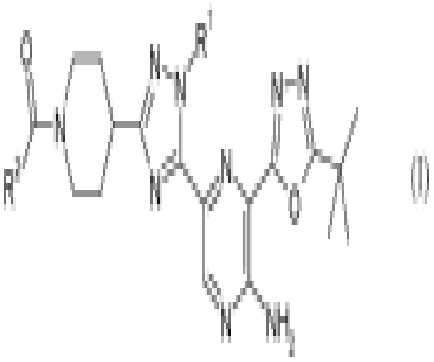
2)BERRY David
3)DELOUVRIE Benedicte
4)HARRIS Craig Steven
5)LAMBERT VAN DER BREMPT Christine Marie Paul
6)OUVRY Gilles
7)REID Gary Patrick
8)TOMKINSON Gary Peter

(57) Abstract :
1 2 The invention concerns compounds of Formula (I) (Formula (I)) or pharmaceutically acceptable salts thereof wherein Rand Rhave any of the meanings defined herein before in the description; processes for their preparation pharmaceutical compositions containing them and their use in the treatment of cell proliferative disorders.



No. of Pages : 153 No. of Claims : 15

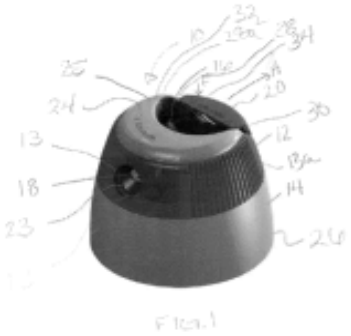
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015
(21) Application No.1932/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAP FOR DISPENSING LIQUIDS OR GELS

(51) International classification :B65D25/38
(31) Priority Document No :61/738814
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076186
Filing Date :18/12/2013
(87) International Publication No :WO 2014/100212
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PRECISION VALVE CORPORATION
Address of Applicant :800 Westchester Avenue Ste. C 700 Rye Brook NY 10573 U.S.A.
(72)**Name of Inventor :**
1)BRACE Geoffrey
2)DOWNEY Michael Paul
3)KAWALCHUK John T.
4)KENNEDY Anthony John
5)ZERITIS John

(57) Abstract :
A cap for a container that stores and dispenses fluids or gels that includes a shroud having a shroud wall surrounding an opening and a collar connected on the shroud so that the collar selectively rotates relative to the shroud is provided. The collar is rotatable between a closed position and an open position. The actuator is connected to the shroud and has a contact portion. The contact portion is in the opening of the shroud. The actuator is movable in the closed position and the open position by a force that is applied to the contact portion only after removal of a tab.



No. of Pages : 42 No. of Claims : 23

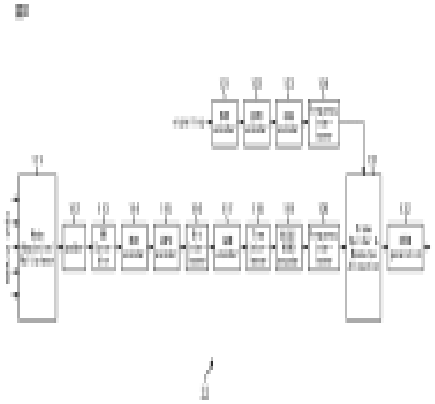
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015
(21) Application No.1835/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA PROCESSING DEVICE AND DATA PROCESSING METHOD

(51) International classification :H03M13/19
(31) Priority Document No :2013023881
(32) Priority Date :08/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/051622
Filing Date :27/01/2014
(87) International Publication No :WO 2014/123016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)SHINOHARA Yuji
2)YAMAMOTO Makiko

(57) Abstract :
This technology pertains to a data processing device and data processing method which are capable of providing an LDPC code having a favorable error rate. This LDPC encoder encodes at a code length of 64 800 bits and at a 12/30 13/30 14/30 15/30 16/30 or 17/30 LDPC code rate. The LDPC code contains information bits and parity bits and a check matrix (H) is configured from an information matrix section corresponding to the information bits of the LDPC code and a parity matrix section corresponding to the parity bits. The information matrix section of the check matrix (H) is represented by a check matrix initial value table expressing the position of one element of the information matrix section for each of 360 rows. This technology can be applied in cases when conducting LDPC encoding and LDPC decoding.



No. of Pages : 422 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2015

(21) Application No.1836/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOUNDS AND METHODS FOR KINASE MODULATION AND INDICATIONS THEREFOR

(51) International classification	:C07D403/12,C07D401/12,C07D471/04
(31) Priority Document No	:61/745409
(32) Priority Date	:21/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/076995 :20/12/2013
(87) International Publication No	:WO 2014/100620
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PLEXXIKON INC.
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1)WU Guoxian
2)CHAN Katrina
3)EWING Todd
4)IBRAHIM Prabha N.
5)LIN Jack
6)NESPI Marika
7)SPEVAK Wayne
8)ZHANG Ying

(57) Abstract :
Compounds active on c kit protein kinases or mutant c kit protein kinases having any mutations are described as well as methods of making and using such compounds to treat diseases and conditions associated with aberrant activity of the c kit protein kinases and/or mutant c kit protein kinases.

No. of Pages : 227 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015
(21) Application No.1933/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEMICONDUCTOR PACKAGE AND METHOD FOR FABRICATING BASE FOR SEMICONDUCTOR PACKAGE

(51) International classification :H01L25/00,H01L23/48
(31) Priority Document No :13/721983
(32) Priority Date :20/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/089940
Filing Date :19/12/2013
(87) International Publication No :WO 2014/094629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 China
(72)**Name of Inventor :**
1)LIN Tzu Hung
2)HSU Wen Sung
3)YU Ta Jen
4)CHANG Andrew C.

(57) Abstract :
The invention provides a semiconductor package (500b) and a method for fabricating a base (200) for a semiconductor package (500b). The semiconductor package (500b) includes a conductive trace (202b) embedded in a base (200). A semiconductor devices (301) is mounted on the conductive trace (202b) via a conductive structure(222).

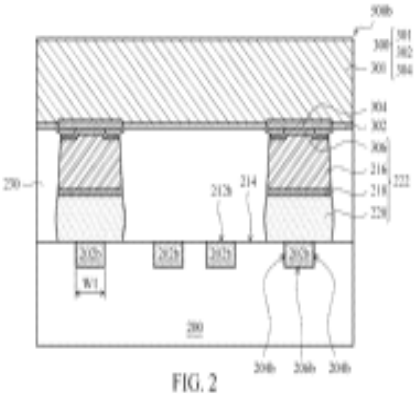


FIG. 2

No. of Pages : 29 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

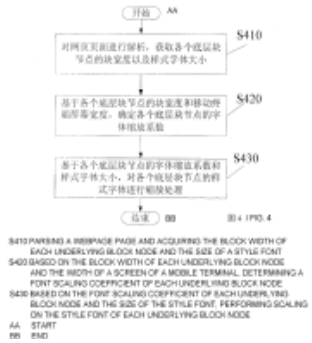
(21) Application No.1934/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR SCALING FONT SIZE OF PAGE IN MOBILE TERMINAL

(51) International classification :G06F17/30
(31) Priority Document No :201210559777.2
(32) Priority Date :20/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/083035
Filing Date :31/10/2013
(87) International Publication No :WO 2014/094459
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UC MOBILE LIMITED
Address of Applicant :1610 1620 16F No.29 Viva Building Suzhou Street Haidian District Beijing 100080 China
(72)**Name of Inventor :**
1)LIANG Jie
2)YU Yongfu
3)HE Xiaopeng
4)ZHU Shunyan
5)ZHOU Chao

(57) Abstract :
Provided is a method for scaling the font size of a page in a mobile terminal, including: parsing a webpage page acquired from a content server, and acquiring the block width of each underlying block node and the size of a style font contained in a rendering tree of the parsed webpage page; based on the acquired block width of each underlying block node and the width of a screen of a mobile terminal, determining a font scaling coefficient of each underlying block node; and based on the determined font scaling coefficient of each underlying block node and the size of the style font, performing scaling on the style font of each underlying block node. Using this method, after double-click scaling, an enlarged window can completely display a content block and a font can be displayed clearly, without needing to slide the screen from left to right. In addition, there is no need to perform dynamic rearrangement on the scaled content block, thereby saving time on dynamic rearrangement and ensuring that a page layout will not change during the scaling process.



No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1935/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROXIMITY DISCOVERY AUTHENTICATION AND LINK ESTABLISHMENT BETWEEN COMMUNICATION MOBILE DEVICES IN 3GPP LTE

(51) International classification :H04L29/06,H04W12/06
(31) Priority Document No :13152725.1
(32) Priority Date :25/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051318
Filing Date :23/01/2014
(87) International Publication No :WO 2014/114711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO
(72)**Name of Inventor :**
1)FRANSEN Frank
2)VEUGEN Peter
3)DE KIEVIT Sander
4)EVERTS Maarten

(57) Abstract :
The invention enables a device to discover one or more other devices within range for a device to device mode of communication. This proximity discovery may trigger a target device e.g. to start listening to signals from a source device or perform any other action based on the proximity discovery like e.g. charging at a toll gate. A source device that wants to be discovered broadcasts a message including an identifier or a representation of the identifier. This identifier may be an identifier of the target device to be contacted or of the source device or a derivation thereof or a common security association used by a set of peers. The target device compares the broadcast identifier with a known identifier to establish proximity discovery.

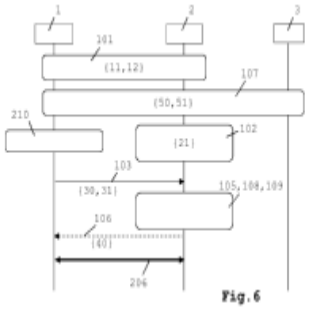

Fig. 6

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1662/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 3D MIMO CSI FEEDBACK BASED ON VIRTUAL ELEVATION PORTS

(51) International classification :H04B7/02
(31) Priority Document No :PCT/CN2013/071178
(32) Priority Date :31/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/071869
Filing Date :07/02/2014
(87) International Publication No :WO 2014/117748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEI Chao

(57) Abstract :
Certain aspects of the present disclosure provide techniques for a user equipment (UE) to efficiently provide feedback regarding preferred beams to a base station (BS) that transmits with different beams from different elevations. The techniques generally involve the BS transmitting first reference signals transmitted using a plurality of elevation beams. The UE selects at least one preferred elevation beam based on the first reference signals and feeds this back to the BS. The BS transmits second reference signals using the preferred elevation beam and a plurality of azimuthal ports. The UE provides a second stage channel feedback to the base station based on the second reference signals.

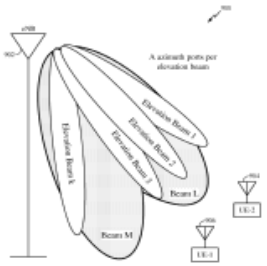

FIG. 9

No. of Pages : 40 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2015

(21) Application No.1663/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRACH BASED PROXIMITY DETECTION

(51) International classification :G01S5/00,H04W64/00
(31) Priority Document No :61/758644
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013377
Filing Date :28/01/2014
(87) International Publication No :WO 2014/120668
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BARBIERI Alan
2)XU Hao
3)JAIN Vikas
4)MALLADI Durga Prasad
5)KHAN Awaiz Ahmad
6)KOTLA Samatha
7)SACHDEV Balwinderpal

(57) Abstract :
Improvements to signaling procedures for use in physical random access channel (PRACH) based proximity detection are disclosed. Signaling and signaling processes from a serving base station may trigger a more efficient and reliable transmission of PRACH from related user equipment (UE). At the dynamic power nodes (DPNs) monitoring for such PRACH based proximity features are disclosed which establish neighbor lists for more efficient management of detection and proximity activation.

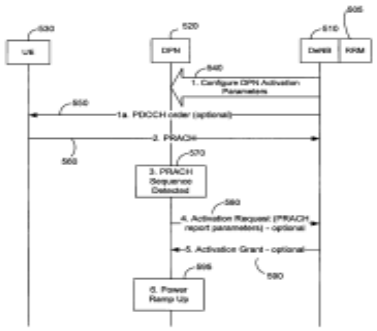

FIG. 5

No. of Pages : 57 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2015

(21) Application No.1759/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPEAKER EQUALIZATION FOR MOBILE DEVICES

(51) International classification :H04R3/04,H04M1/60
(31) Priority Document No :13/765424
(32) Priority Date :12/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015751
Filing Date :11/02/2014
(87) International Publication No :WO 2014/126901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GROKOP Leonard Henry

(57) Abstract :
Disclosed is an apparatus and method for speaker equalization in a mobile device. In one embodiment placement of a mobile device including a speaker is determined and speaker equalization is performed in accordance with the determined placement.

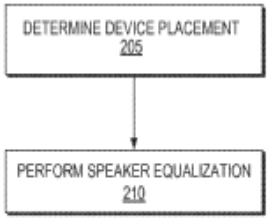

FIG. 2

No. of Pages : 27 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1850/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN UNCOLOURED LAUNDRY ADDITIVE MATERIAL FOR PROMOTION OF ANTI REDEPOSITION OF PARTICULATE SOIL

(51) International classification :C11D3/00,C11D3/37,C11D11/00
(31) Priority Document No :13152412.6
(32) Priority Date :23/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050959
Filing Date :17/01/2014
(87) International Publication No :WO 2014/114570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Unilever House 100 Victoria Embankment London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BATCHELOR Stephen Norman

(57) Abstract :
1 1An uncoloured laundry additive material for promotion of anti redeposition of particulate soil comprising at least two polyalkoxylated polyethyleneimines which can be the same or different cross linked to one another by a difunctional uncoloured aromatic cross linking moiety; uncoloured being defined as a maximum extinction coefficient in L mol cm of less than 800.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1851/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HAIR COLOURING KIT

(51) International classification :A45D19/00
(31) Priority Document No :13153385.3
(32) Priority Date :31/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051024
Filing Date :20/01/2014
(87) International Publication No :WO 2014/118027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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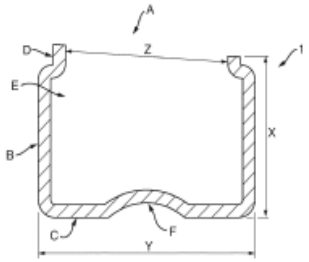
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)ASHTON Ross David
2)WYRKO Andrew David

(57) Abstract :
A kit for colouring hair comprising: i) a first container containing a composition comprising an oxidative dye; and ii) a second container containing a composition comprising a per oxygen generating material in which the second container comprises sides of height X mm a first end closed by a bottom of external diameter Y mm and a second end opposite the first having a opening of internal diameter Z mm in which the ratio of X to Y is less than 1:1 and the internal diameter Z mm differs by 15% or less from the external diameter Y mm and in which the internal diameter Z mm is from 60 to 80mm.

Fig. 1



No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1942/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FEEDING DEVICE

(51) International classification :B65G25/02,B29D30/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/051092
Filing Date :21/01/2013
(87) International Publication No :WO 2014/112126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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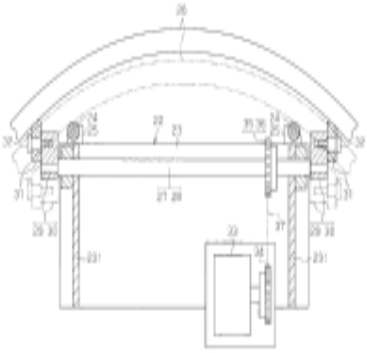
(72)**Name of Inventor :**
1)NOMURA Shigeaki
2)OZEKI Yasunori

(57) Abstract :
A feeding device (22) comprises a suspending bar (24) capable of suspending an annular body (26). The feeding device (22) is provided with a feeding bar (31) extending parallel to the suspending bar (24). The feeding bar (31) is capable of actuating within the annular body (26) suspended on the suspending bar (24) so as to intermittently move the annular body (26) in a feeding direction. The feeding device (22) comprises a motor (33) for actuating the feeding bar (31).



No. of Pages : 19 No. of Claims : 6

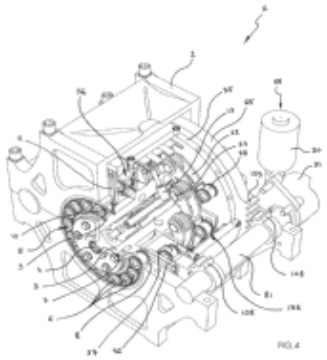
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.1857/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HYDRAULIC MOTOR PUMP WITH FIXED OR VARIABLE CYLINDER CAPACITY

(51) International classification :F04B1/047,F03C1/047,F03C1/26
(31) Priority Document No :1350949
(32) Priority Date :04/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050182
Filing Date :31/01/2014
(87) International Publication No :WO 2014/118477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RABHI Vianney
Address of Applicant :14 quai de Serbie F 69006 Lyon France
(72)**Name of Inventor :**
1)RABHI Vianney

(57) Abstract :
The invention concerns an hydraulic motor pump (1) having a fixed or variable cylinder capacity and comprising a central motor pump rotor (3) in which is disposed an hydraulic cylinder (14) the rotor (3) being in sealed contact with an input output distributor (43) connecting the cylinder (14) to a motor pump frame (2) whilst an hydraulic piston (13) moves in the cylinder (14) in order to push by means of an hydraulic piston guided tappet (18) a tangential arm (22) articulated in the central rotor (3) and a tangential arm anti friction roller (28) on a peripheral motor pump rotor (29) which is synchronized for rotation with the central motor pump rotor (3).



No. of Pages : 117 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.1858/MUMNP/2015 A
(43) Publication Date : 27/05/2016

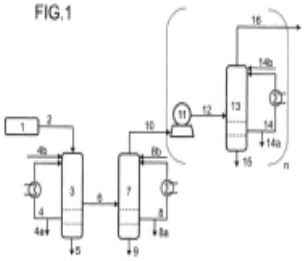
(54) Title of the invention : METHOD FOR PRODUCING 1 3 BUTADIENE FROM N BUTENES BY OXIDATIVE DEHYDROGENATION

(51) International classification :C07C5/48,C07C7/00,C07C7/08
(31) Priority Document No :13151354.1
(32) Priority Date :15/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050675
Filing Date :15/01/2014
(87) International Publication No :WO 2014/111409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)**Name of Inventor :**
1)JOSCH Jan Pablo
2)GRNE Philipp
3)WALSDORFF Christian
4)HAMMEN Oliver
5)BALEGEDDE RAMACHANDRAN Ragavendra Prasad

(57) Abstract :
The invention relates to a method for producing butadiene from n butenens comprising the following steps: A) a feed gas flow (a) containing n butenes is provided; B) the feed gas flow (a) containing n butenes and an oxygen containing gas is fed to at least one oxidative dehydrogenation area and is oxidatively dehydrogenated from n butenes to form butadiene; a product gas flow (b) containing butadiene unreacted n butenes water vapour oxygen low boiling hydrocarbons auxiliary components boiling at a hgh temperature and optionally carbon oxides and optionally inert gases is obtained; Ca) the product gas flow (b) is cooled by bringing it into contact with an organic solvent as a cooling agent Cb) the product gas flow (b) is compressed in at least one compression step and at least one aqueous condensate flow (c1) and a gas flow (c2) containing butadiene n butenes water vapour oxygen low boiling hydrocarbons optionally carbon oxides and optionally inert gases is obtained; D) non condensable and low boiling gas component parts containing oxygen low boiling hydrocarbons optionally carbon oxides and optionally inert gases are separated as a gas flow (d2) from the gas flow (c2) by absorbing C4 hydrocarbons containing butadiene and n butenes in absorption means an absorption agent flow charged with C4 hydrocarbons and the gas flow (d2) are obtained and subsequently the C4 hydrocarbons are desorbed from the charged absorption agent flow and a C4 product gas flow (d1) is obtained; E) the C4 product flow (d1) is separated by extractive distillation using a selected solvent for butadiene in a butadiene and the material flow (e1) containing the solvent selective and a material flow (e2) containing a n butene; F) the butadiene and material flow (e1) containing the selective solvent is distilled in a material flow (f1) consisting essentially of the selective solvent and a material flow (f2) containing a butadiene.

FIG.1



No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1949/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR ACCESSING DORMANT CELLS

(51) International classification :H04W52/02, H01L 27/00
(31) Priority Document No :61/767218
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017191
Filing Date :19/02/2014
(87) International Publication No :WO 2014/130570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MALLADI Durga Prasad
3)GUPTA Ajay
4)GAAL Peter
5)CHEN Wanshi
6)WEI Yongbin
7)LUO Tao

(57) Abstract :
A method a computer program product and an apparatus are provided. The apparatus may be a UE. The UE receives an information block from a first base station while camped on a second base station. In an aspect the information block includes an indication of a random access configuration for performing at least a part of a random access procedure. The UE determines to reselect to the first base station from the second base station. The UE performs at least a part of a random access procedure with the first base station based on the indicated random access configuration to reselect from a second base station to the first base station.

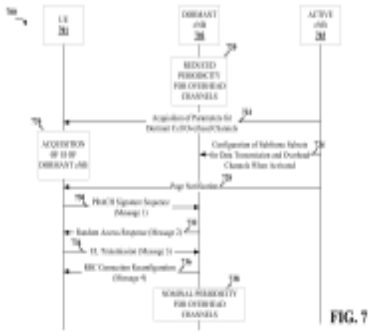

FIG. 7

No. of Pages : 46 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2015
(21) Application No.1755/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLAME RETARDANT COMPOSITION AND FLAME RETARDANT SYNTHETIC RESIN COMPOSITION

(51) International classification :C09K21/04,C08K5/053,C08K5/52
(31) Priority Document No :2012274856
(32) Priority Date :17/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/083390
Filing Date :12/12/2013
(87) International Publication No :WO 2014/097967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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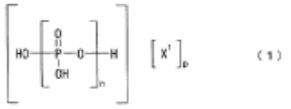
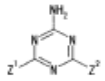
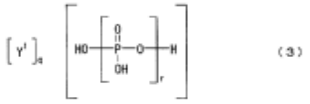
(72)**Name of Inventor :**
1)YAMAZAKI KENJI
2)SHIMIZU Tatsuya
3)KAMIMOTO Tetsuo

(57) Abstract :
11256112234Provided is a flame retardant composition which is capable of imparting a synthetic resin with excellent flame retardancy even if the blending amount thereof is small. A flame retardant composition which is characterized by containing 20 50 parts by mass of the component (A) described below 50 80 parts by mass of the component (B) described below (with the total of the component (A) and the component (B) being 100 parts by mass) and 0.5 15 parts by mass of the component (C) described below. Component (A): a (poly)phosphate compound represented by general formula (1) Component (B): a (poly)phosphate compound represented by general formula (3) Component (C): a polyhydric alcohol (In formula (1) n represents a number of 1 100; X represents ammonia or a triazine derivative represented by general formula (2); and $0 < p = n + 2$.) (In formula (2) each of Z and Z independently represents an NRR group or the like.) (In formula (3) r represents a number of 1 100; Y represents an RRN(CH)mNRR group or the like; m represents an integer of 1 10; and $0 < q = r + 2$.)







No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1847/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR INTERACTIVE REAL TIME TABLET BASED TUTORING

(51) International classification :G09B5/12
(31) Priority Document No :61/736542
(32) Priority Date :12/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074799
Filing Date :12/12/2013
(87) International Publication No :WO 2014/093700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOOST ACADEMY INC.
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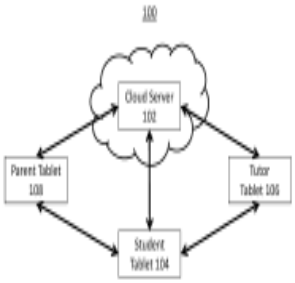
1)ROACH John Joshua

(57) Abstract :
A peer to peer tutoring system is provided for use between touch screen portable electronic devices. The system provides a dynamic real time interactive session between a tutor and a student using a virtual whiteboard real time messaging and voice communications. The system also provides a full capture and review of sessions for future review by students and parents. The portable electronic devices exchange data in near real time via a connection with a central server that acts as both an exchange mechanism to push pull and manage session data both current and historical. A tutor selection application allows students and parents to review tutors review and create tutor ratings and create and manage appointments with tutors.



No. of Pages : 65 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1848/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION

(51) International classification :A61Q5/06,A61K8/84,C09B69/10
(31) Priority Document No :PCT/CN2013/070475
(32) Priority Date :15/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/EP2014/050057
Filing Date :03/01/2014
(87) International Publication No :WO 2014/111281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BATCHELOR Stephen Norman
2)LIMER Adam John
3)TANG Xuezhi

(57) Abstract :
A hair colouring composition comprising analkylated polyethyleneimine dye wherein the alkylated polyethyleneimine dye comprises a polyethyleneimine having covalently bound to the nitrogen groups of the polyethyleneimine: (i) a negatively charged reactive dye and; (ii) a linear carbon chain comprising at least 7 carbon atoms.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1849/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION

(51) International classification :A61Q5/06,A61K8/84,C09B69/10
(31) Priority Document No :PCT/CN2013/070479
(32) Priority Date :15/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/EP2014/050059
Filing Date :03/01/2014
(87) International Publication No :WO 2014/111282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BATCHELOR Stephen Norman
2)LIMER Adam John
3)TANG Xuezhi

(57) Abstract :
A hair colouring composition comprising an arylated polyethyleneimine dye wherein the arylated polyethyleneimine dye comprises a polyethyleneimine having covalently bound to the nitrogen groups of the polyethyleneimine: a. a negatively charged reactive dye and; b. aryl group or substituted aryl group; c. in which the aryl group or substituted aryl group and the negatively charged reactive dye are different moieties.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015
(21) Application No.1959/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NITROGEN BASED THERMAL STORAGE MEDIUM

(51) International classification :F24J2/07
(31) Priority Document No :61/754766
(32) Priority Date :21/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065575
Filing Date :18/10/2013
(87) International Publication No :WO 2014/113107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAARKY THERMAL SYSTEMS INC.
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(72)**Name of Inventor :**
1)NADIG Ranga

(57) Abstract :
A thermal storage and transfer method for use in both indirect and direct heating solar power plants that involves the use of nitrogen gas as a thermal storage medium for heat transfer in circumstances where little or no solar radiation is available to produce the thermal energy needed to convert water into steam and generate electricity.

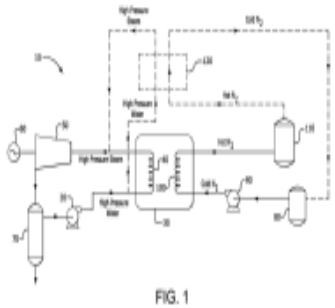

FIG. 1

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1863/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LDPC DESIGN USING QUASI CYCLIC CONSTRUCTIONS AND PUNCTURING FOR HIGH RATE HIGH PARALLELISM AND LOW ERROR FLOOR

(51) International classification :H03M13/11,H03M13/03
(31) Priority Document No :61/764476
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016261
Filing Date :13/02/2014
(87) International Publication No :WO 2014/127129
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RICHARDSON Thomas J.

(57) Abstract :
A method of LDPC encoding/decoding is disclosed. An encoder receives a set of information bits and performs a lifted LDPC encoding operation on the information bits to produce a codeword using a base LDPC code including one or more punctured nodes. The base LDPC code including the one or more punctured nodes has no multiple edges between node pairs whereas the base LDPC code without the one or more punctured nodes has multiple edges between node pairs. Thus a punctured node is used to eliminate multiple edges in the base graph for the lifted LDPC code. The encoder then punctures all lifted bits of the codeword that correspond to the one or more punctured base bits of the base LDPC code. The one or more punctured base bits are those that correspond with one or more punctured base nodes respectively of the base LDPC code. For some embodiments the one or more punctured base nodes correspond to one or more degree 2 variable nodes. The LDPC decoder treats the punctured codeword bits as erased during the iterative decoding operation.

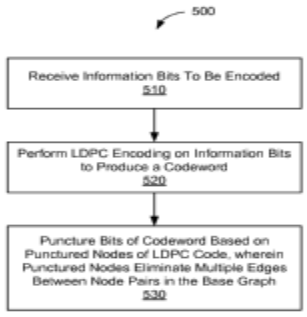

FIG. 5

No. of Pages : 32 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1864/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AGENT FOR OBTAINING A STABLE AQUEOUS COMPOSITION COMPRISING SUSPENDED PARTICLES

(51) International classification :A61Q5/02,A61K8/81,C08L33/08
(31) Priority Document No :1262416
(32) Priority Date :20/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053176
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :35 rue Amp¨re F 69730 Genay France
(72)**Name of Inventor :**
1)SOUZY Renaud
2)KENSICHER Yves
3)GUERRET Olivier

(57) Abstract :
The invention relates to an agent for obtaining a stable aqueous solution comprising a combination of: a polymer made up of: at least one monomer A of acrylic acid and/or methacrylic acid and/or any one of their salts at least one monomer B of alkyl acrylate and/or methacrylate and at least one cross linking monomer D and with at least one compound C corresponding to the following formula (I): R1 O [(EO)n(PO)n (BO)n] Z (I) where: R1 represents an ethyl isopropyl and/or sec butyl radical [(EO)n(PO)n (BO)n] represents a polyalkoxylated chain made up of alkoxylated units distributed into block alternating or statistical units chosen from among ethyoxylated units EO propoxylated units PO and butoxylated units BO n n n representing independently of one another 0 or an integer varying from 1 to 150 the sum of n n and n not being zero and Z represents a fatty linear or branched chain of at least 16 carbon atoms.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1960/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DUAL END PLATE SUBCOOLING ZONE FOR A FEEDWATER HEATER

(51) International classification :F28B9/10
(31) Priority Document No :61/754754
(32) Priority Date :21/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065685
Filing Date :18/10/2013
(87) International Publication No :WO 2014/113109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1415 Route 70 East Suite 604 Cherry Hill NJ 08034 U.S.A.
(72)**Name of Inventor :**
1)NADIG Ranga

(57) Abstract :
Steam power plants utilize high pressure and low pressure feedwater heaters to increase overall system efficiency. Both types of feedwater heaters generally include a subcooling zone that is separate from a condensing zone. The viability of the separation of the zones is critical to the efficiency of the overall system specifically with regard to the inefficiencies inherent in the leakage of steam from the condensing zone into the subcooling zone. An improvement in the viability of that zone separation for such feedwater heaters is taught by the use of dual end plates for the subcooling zone to create a triple layer of separation between the condensing and subcooling zones to prevent unwanted and inefficient steam leakage.

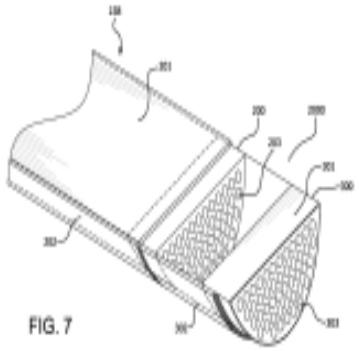
FIG. 7

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1867/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WASHING MACHINE

(51) International classification :D06F37/26,D06F39/12
(31) Priority Document No :1020140024563
(32) Priority Date :28/02/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2015/001506
Filing Date :13/02/2015
(87) International Publication No :WO 2015/130046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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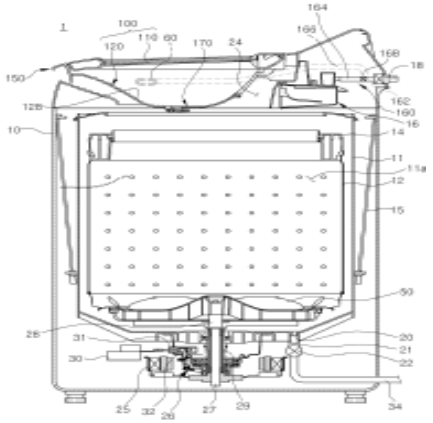
(72)**Name of Inventor :**
1)KIM Jun Ho
2)KIM Chang Yeong
3)KIM Hyeon Cheol
4)JUNG Goan Su
5)WON Yong Kwon
6)KIM Min Hyung

(57) Abstract :
A washing machine of the present invention has an auxiliary washing unit for forming an auxiliary washing space separately from a main washing space formed in a rotational tub and includes a discharge assembly selectively communicating with the auxiliary washing space and the main washing space. By the construction described above the washing machine can achieve an independent auxiliary washing and can improve the washing efficiency.



No. of Pages : 80 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2015

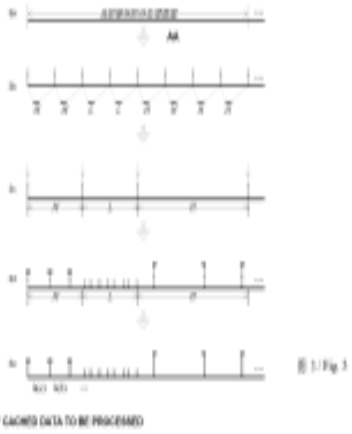
(21) Application No.1945/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA OBJECT PROCESSING METHOD AND DEVICE

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/081757
Filing Date :19/08/2013
(87) International Publication No :WO 2015/024160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)WEI Jiansheng
2)ZHU Junhua

(57) Abstract :
Provided are a data object processing method and device. The method comprises: dividing a data object into one or a plurality of partitions; calculating the sampling compression ratio of each partition aggregating neighbouring continuous partitions of which the sampling compression ratios have common characteristics into a data segment and acquiring the sampling compression ratio of each of the data segments; and according to a length interval to which the length of each of the data segments belongs and a compression ratio interval to which the sampling compression ratio of each data segment belongs selecting an expected length to split the data segment into data blocks wherein the sampling compression ratio of each of the data segments uniquely belongs to one of the compression ratio intervals and the length of each of the data segments uniquely belongs to one of the length intervals. By applying the technology provided in the present invention a data object can be split into data blocks.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1946/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STT MRAM DESIGN ENHANCED BY SWITCHING CURRENT INDUCED MAGNETIC FIELD

(51) International classification :H01L43/02,H01L43/08,H01L43/12
(31) Priority Document No :13/770306
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015858
Filing Date :11/02/2014
(87) International Publication No :WO 2014/130301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)XIA William H.
2)WU Wenqing
3)YUEN Kendrick H.
4)BANERJEE Abhishek
5)LI Xia
6)KANG Seung H.
7)KIM Jung Pill

(57) Abstract :
A memory cell (200) includes an elongated first electrode (206) coupled to a magnetic tunnel junction (MTJ) structure (210) and an elongated second electrode (212) aligned with the elongated first electrode coupled to the MTJ structure. The elongated electrodes are configured to direct mutually additive portions of a switching current induced magnetic field through the MTJ. The mutually additive portions enhance switching of the MTJ in response to application of the switching current.

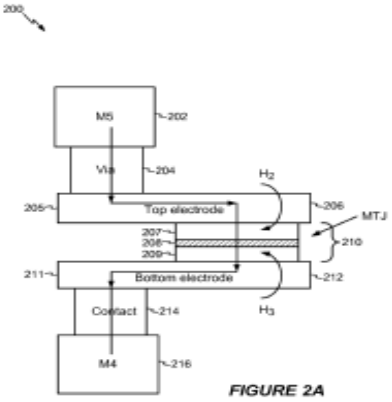


FIGURE 2A

No. of Pages : 34 No. of Claims : 20

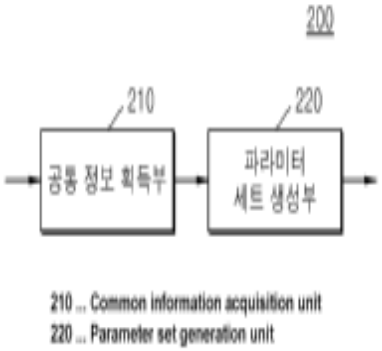
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015
(21) Application No.1947/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS

(51) International classification :H04N19/30,H04N19/187
(31) Priority Document No :61/755758
(32) Priority Date :23/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000687
Filing Date :23/01/2014
(87) International Publication No :WO 2014/116047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)CHOI Byeong doo
2)KIM Chan yul
3)EOM Myung jin

(57) Abstract :
Disclosed are a video encoding method and a video decoding method. A multilayer video encoding method comprises the steps of: performing an interlayer prediction for a picture of each layer constituting a multilayer video; determining a reference layer to which the picture of each layer refers on the basis of the result of the interlayer prediction; and adding reference layer information of each layer to a parameter set including the information which is commonly applied to the layers included in the multilayer video.



No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015
(21) Application No.1948/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER SET WEAR LEVELING FOR CACHES WITH LIMITED WRITE ENDURANCE

(51) International classification :G06F12/02,G06F12/08
(31) Priority Document No :13/772400
(32) Priority Date :21/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015994
Filing Date :12/02/2014
(87) International Publication No :WO 2014/130317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)DONG Xiangyu

(57) Abstract :
2A cache controller includes a first register that updates after every memory location swap operation on a number of cache sets in a cache memory and resets every N 1 memory location swap operations. N is a number of the cache sets in the cache memory. The memory controller also has a second register that updates after every N 1 memory location swap operations and resets every (N N) memory location swap operations. The first and second registers track a relationship between logical locations and physical locations of the cache sets.

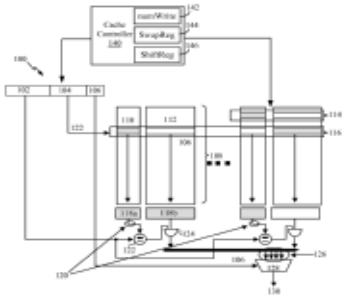


FIG. 1

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1853/MUMNP/2015 A
(43) Publication Date : 27/05/2016

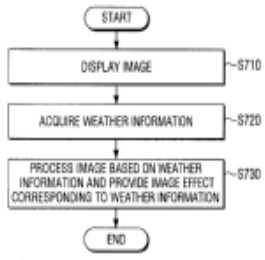
(54) Title of the invention : SKIN CARE COMPOSITION

(51) International classification :A61K8/67,A61K8/49,A61Q19/08
(31) Priority Document No :13152808.5
(32) Priority Date :28/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050269
Filing Date :09/01/2014
(87) International Publication No :WO 2014/114496
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)DAMODARAN Anita
2)DIAS Paul Mark

(57) Abstract :
The invention relates to a topical composition that provides enhanced skin health by way of providing anti aging benefits that are evident from visibly reduced wrinkles and under eye dark circles. This is achieved through use of a synergistic combination of folic acid and gallated catechin in a specific weight ratio range.

[Figure 7]



No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1854/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GUIDEWAY GUIDED VEHICLE DETECTION BASED ON RFID SYSTEM

(51) International classification :B61L1/16,B61L25/02,G06K7/10
(31) Priority Document No :13/754363
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/058529
Filing Date :24/01/2014
(87) International Publication No :WO 2014/118681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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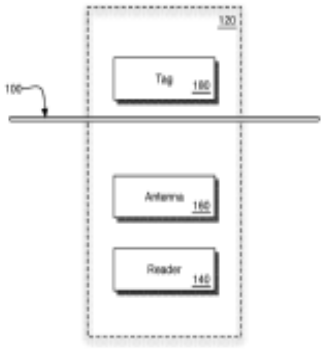
(72)**Name of Inventor :**
1)KANNER Abe
2)MCKILLICAN Boyd
3)FRASER Cameron

(57) Abstract :
An apparatus for detecting the information about a guideway guided vehicle having a masking component the guideway guided vehicle configured to follow a path of a guideway comprising a radio frequency identification (RFID) system method of making and use thereof are disclosed. The RFID system comprises a first RFID transponder for transmitting across the path first RFID transponder specific information. An RFID reader comprises a first antenna for receiving the first RFID transponder specific information. The first RFID transponder and the first antenna are fixed relative to the path and on opposite sides of the path. The RFID reader is configured to substantially continuously monitor the first transponder specific information. The presence of the masking component of the guideway guided vehicle between the first RFID transponder and the first antenna masks the substantially continuous monitoring of the first RFID transponder specific information.



No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015
(21) Application No.1855/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS TEMPERATURE TRANSMITTER WITH IMPROVED SENSOR DIAGNOSTICS

(51) International classification :G01K7/20,G01K15/00
(31) Priority Document No :13/775848
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074687
Filing Date :12/12/2013
(87) International Publication No :WO 2014/130142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT INC.
Address of Applicant :8200 Market Boulevard Chanhassen MN 55317 U.S.A.
(72)**Name of Inventor :**
1)RUD Jason H.

(57) Abstract :
A process temperature transmitter (12) is operable with at least one temperature sensor (32) having a plurality of leads. The temperature transmitter (12) includes measurement circuitry (26) operably coupleable to the at least one temperature sensor (32) to provide an indication of an electrical parameter of the at least one temperature sensor (32). A controller (30) is coupled to the measurement circuitry (26) to obtain the indication and provide a process temperature output. A current source (28) applies a test current to the plurality of leads simultaneously. Diagnostic circuitry (70) measures a voltage response on each lead in order to provide a diagnostic indication of the temperature sensor.

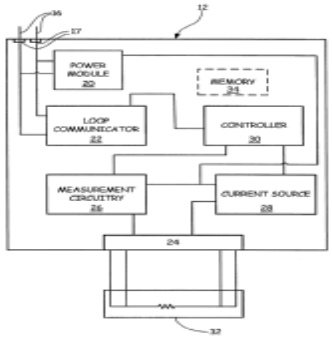


FIG. 3

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1956/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEMICONDUCTOR DEVICE HAVING STACKED MEMORY ELEMENTS AND METHOD OF STACKING MEMORY ELEMENTS ON A SEMICONDUCTOR DEVICE

(51) International classification :H01L25/065,H01L25/18
(31) Priority Document No :13/766218
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016081
Filing Date :12/02/2014
(87) International Publication No :WO 2014/127032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)HENDERSON Brian M.
2)GU Shiqun

(57) Abstract :
A semiconductor device includes a die coupled to a substrate a first memory device coupled to a surface of the die opposite the substrate and a coupling device coupled between the surface of the die opposite the substrate and a second memory device such that the second memory device at least partially overlaps the first memory device. Also disclosed is method of mounting first and second memory devices on a die in an at least partially overlapping manner.

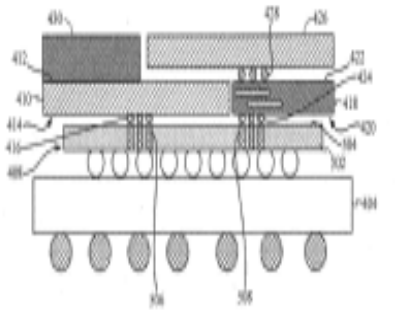

FIG. 5

No. of Pages : 19 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1957/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PACKAGE SUBSTRATE WITH TESTING PADS ON FINE PITCH TRACES

(51) International classification :H05K1/02,H05K1/11,H05K3/34
(31) Priority Document No :13/783168
(32) Priority Date :01/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018372
Filing Date :25/02/2014
(87) International Publication No:WO 2014/134059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KIM Chin Kwan
2)KANG Kuiwon
3)BCHIR Omar J.

(57) Abstract :
Some implementations provide a substrate that includes several traces a solder resist layer covering the several traces and a testing pad coupled to a trace from the several traces. The testing pad is at least partially exposed and at least partially free of the solder resist layer when a chip is coupled to the substrate. In some implementations the several traces have a pitch that is 100 microns (m) or less. In some implementations the substrate is a package substrate. In some implementations the package substrate is a package substrate on which a thermal compression flip chip is mounted during an assembly process. In some implementations the testing pad is free of a direct connection with a bonding component of the chip when the chip is coupled to the substrate. In some implementations the bonding component is one of a solder ball.

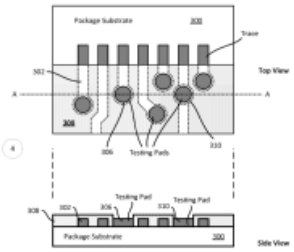

FIG. 4D

No. of Pages : 35 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1868/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS AND METHOD FOR PROCESSING IMAGE THEREOF

(51) International classification :G06T1/00,G06T5/00
(31) Priority Document No :61/738699
(32) Priority Date :18/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/011822
Filing Date :18/12/2013
(87) International Publication No :WO 2014/098478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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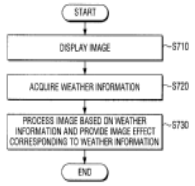
(72)**Name of Inventor :**
1)SONG Ji hye
2)JANG Gyeong cheol
3)CHO Jong keun

(57) Abstract :
A display apparatus and an image processing method thereof are provided. The method includes displaying an image on a display screen acquiring weather information through at least one of a sensor and an external server and providing an image effect corresponding to the weather information to the displayed image by processing the image based on the acquired weather information.

[Figure 7]



No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

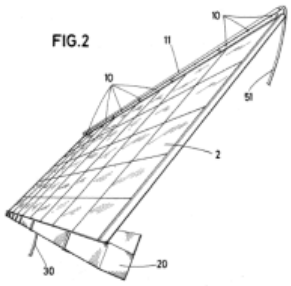
(21) Application No.1869/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COOLING SYSTEM AND METHOD FOR PHOTOVOLTAIC SOLAR PANELS

(51) International classification :H01L31/052
(31) Priority Document No :P201330023
(32) Priority Date :11/01/2013
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2014/070010
Filing Date :09/01/2014
(87) International Publication No :WO 2014/108592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FERNANDEZ DE CRDOBA SANZ Fernando
Address of Applicant :C/Azalea 588 E 28109 Alcobendas (Madrid) Spain
(72)**Name of Inventor :**
1)FERNANDEZ DE CRDOBA SANZ Fernando

(57) Abstract :
The invention relates to a system and method which enabling the temperature of the outer surface of photovoltaic solar panels to be reduced hereinafter PV panels (2) thus maximising the performance thereof and maintaining the surface thereof with constant temperature values that are optimal for the operation thereof (approximately 25 ºC) while also enabling the traces of dust and/or dirt that are on said surface to be cleaned and removed thus further optimising if possible the overall performance of said PV panels (2).



No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015
(21) Application No.1964/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIRECTIONAL AND X RAY VIEW TECHNIQUES FOR NAVIGATION USING A MOBILE DEVICE

(51) International classification :G01C21/20,G06T19/00
(31) Priority Document No :13/777861
(32) Priority Date :26/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011788
Filing Date :16/01/2014
(87) International Publication No :WO 2014/133681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Jiajian
2)CHAO Hui

(57) Abstract :
Techniques for displaying navigation information on a mobile device are provided that include a method that includes obtaining an indication of a position and an indication of a direction associated with the mobile device using the indication of the position the indication of the direction information regarding identities of POIs within a geographic region of interest and information regarding areas associated with the POIs to determine at least one relevant POI of the POIs that is associated with the position and direction and displaying at least one visual indication associated with each of the at least one relevant POI on the mobile device. The appearance of the at least one visual indication is dependent on at least one of a distance from the mobile device of the relevant POI associated with the visual indication or presence of a known physical barrier between the mobile device and that relevant POI.

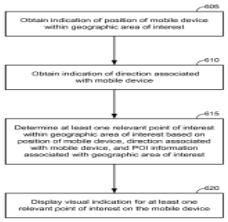


FIG. 6
Displaying Navigation Information

No. of Pages : 66 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015
(21) Application No.1966/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATION OF RESIDUE HYDROCRACKING AND HYDROTREATING

(51) International classification :C10G65/02,C10G47/00
(31) Priority Document No :61/784568
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020730
Filing Date :05/03/2014
(87) International Publication No :WO 2014/158890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUMMUS TECHNOLOGY INC.
Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)BALDASSARI Mario C.
2)MUKHERJEE Ujjal K.
3)OLSEN Ann marie
4)GREEN Marvin I.

(57) Abstract :
A process for upgrading residuum hydrocarbons is disclosed. The process may include: contacting a residuum hydrocarbon fraction and hydrogen with a first hydroconversion catalyst in a first ebullated bed hydroconversion reactor system; recovering a first effluent from the first ebuUated bed hydroconversion reactor system; solvent deasphalting a vacuum residuum fraction to produce a deasphalted oil fraction and an asphalt fraction; contacting the deasphalted oil fraction and hydrogen with a second hydroconversion catalyst in a second hydroconversion reactor system; recovering a second effluent from the second hydroconversion reactor system; and fractionating the first effluent from the first ebullated bed hydroconversion reactor system and the second effluent from the second hydroconversion reactor system to recover one or more hydrocarbon fractions and the vacuum residuum fraction in a common fractionation system.

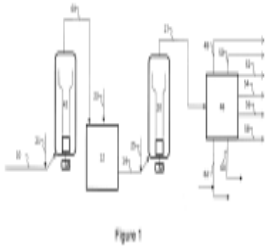


Figure 1

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2015

(21) Application No.1872/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RADIATION CURABLE HARDCOAT WITH IMPROVED WEATHERABILITY

(51) International classification :C09D133/14
(31) Priority Document No :13/721810
(32) Priority Date :20/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076322
Filing Date :19/12/2013
(87) International Publication No :WO 2014/100300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SLOCUM Sona Sivakova

(57) Abstract :
Disclosed is a transparent radiation curable acrylate coating composition comprising (a) at least three polyfunctional acrylate derivatives (b) a photoinitiator selected from the group consisting of phosphine oxides ketones and combinations thereof (c) a nanoscale filler and (d) a dibenzoyl resorcinol UV absorber at least one of said acrylate derivatives being an aliphatic polyester urethane multi acrylate having an acrylate functionality of at least 5 and an elongation of no greater than 5% and at least two of said acrylate derivatives being diacrylates wherein at least one of said diacrylates is an aliphatic polyester urethane diacrylate having an elongation of greater than 5% and a number average molecular weight of from 500 to about 2500 and wherein another of said diacrylates is a urethane free diacrylate having a number average molecular weight of from about 150 to about 600.

No. of Pages : 25 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2015

(21) Application No.1873/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUPPLY SYSTEM FOR SUPPLYING A REDUCING AGENT INTO AN EXHAUST SYSTEM

(51) International classification :F01N3/20
(31) Priority Document No :10 2013 201 537.2
(32) Priority Date :30/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/003797
Filing Date :16/12/2013
(87) International Publication No :WO 2014/117798
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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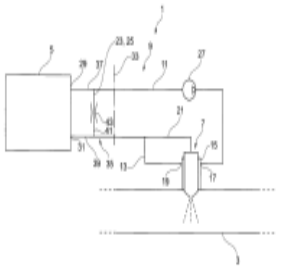
(72)**Name of Inventor :**
1)WINKLER Christian
2)SINZENICH Holger
3)SAUTER Benjamin

(57) Abstract :
The invention relates to a supply system (1) for supplying urea in particular for an exhaust gas purification device for the treatment of exhaust gases of an internal combustion engine having a storage vessel (5) for the medium having a dosing device (7) for dosing the medium in particular into an exhaust line (3) of an internal combustion engine and having a supply line (9) which comprises a feed line (11) for supplying the medium to the dosing device (7) and a return line (13) for returning the medium from the dosing device (7) into the storage vessel (5) wherein the dosing device (7) is designed such that during the operation of the supply system (1) for the purpose of cooling of the medium flow can be caused to pass through said dosing device from a feed port (17) to a return port (19) of the dosing device (7). It is provided here that the supply line (9) comprises an additional fluid connection (23) such as a bypass between the feed line (11) and the return line (13) wherein the additional fluid connection (23) issues into the feed line (11) upstream of the feed port (17) of the dosing device (7) and issues into the return line (13) downstream of the return port (19) of the dosing device (7). In this way damage caused by elevated thermal loading in the event of the fluid circuit being blocked by frozen fluid in the region of the storage vessel is prevented.



No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015

(21) Application No.1970/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISTRIBUTED COMPUTING ARCHITECTURE

(51) International classification :G06F9/50
(31) Priority Document No :13/752985
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/058618
Filing Date :28/01/2014
(87) International Publication No :WO 2014/118704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)TAMAS Alexis
2)BELLIER Gregory

(57) Abstract :
A system includes a plurality of servers (112) and a border server (100). The border server (100) receives a request (328 540) for a transaction that can be accomplished by performing tasks identifies (332 548) a first task of the tasks identifies (336 552) an initial server of the servers to perform the first task by consulting based on a type of the first task routing data stored in memory (708) of the border server and requests that the initial server perform the first task. Each of the servers will in response to receiving a task from the border server perform the received task using related data stored exclusively on the server determine whether the received task requires an additional task identify a next server to perform the additional task by consulting routing data stored in memory of the server and request that the next server perform the additional task.

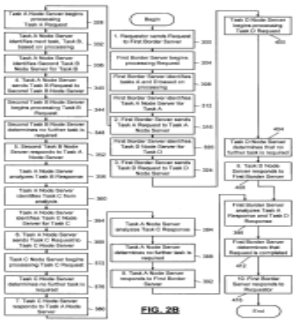
FIG. 2B

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015

(21) Application No.1880/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORAL TRANSMUCOSAL DELIVERY OF GLATIRAMER ACETATE

(51) International classification :A61K9/20,A61K9/52,A61K31/785
(31) Priority Document No :61/745243
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077041
Filing Date :20/12/2013
(87) International Publication No :WO 2014/100643
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GEISTER Ursula
2)SCHWEIZER Stephan
3)BUERGER Martina
4)STEFAN Ralph
5)HUBER Gerald
6)PRIES Tanja

(57) Abstract :
The present invention provides an oral patch comprising: a liner; and a film composition thereon the film composition comprising glatiramer acetate in an amount from about 10 percent to about 40 percent by weight of the film composition and one or more film forming agents in a total amount from about 40 percent to about 80 percent by weight of the film composition.

No. of Pages : 66 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1881/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR MANAGING ENERGY CONSUMPTION IN HOME NETWORK SYSTEM

(51) International classification :G06Q50/06,H04L12/12
(31) Priority Document No :1020120148450
(32) Priority Date :18/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011827
Filing Date :18/12/2013
(87) International Publication No :WO 2014/098481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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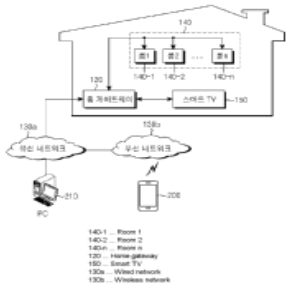
1)SONG Kwan Woo
2)KWEON Ji Hyeon
3)MIN Hyun Suk
4)JEON Jong Gu

(57) Abstract :
The present invention relates to a method and device for managing energy consumption in a home network system including a plurality of home devices. The method of the present invention includes: collecting the results of measuring the power consumption of each of a plurality of home devices; analyzing the collected results and generating power consumption information on the plurality of home devices; and transmitting the power consumption information to user devices when there are requests for transmitting the power consumption information from the user devices wherein the power consumption information is power consumption information on each residential room.



No. of Pages : 63 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.1977/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR REMOVING IMPURITIES FROM SHREDDED PLASTIC

(51) International classification :B29B17/02,D21D1/22
(31) Priority Document No :10 2013 000 593.0
(32) Priority Date :16/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050680
Filing Date :15/01/2014
(87) International Publication No :WO 2014/111412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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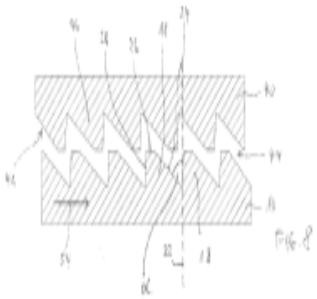
2)HOFMANN Michael
3)WERMTER Carsten

(57) Abstract :
The invention relates to a device (a cylindrical refiner or conical refiner) for removing impurities from shredded plastic comprising at least one first cleaning body with an outer surface which forms a first cleaning surface and which is conical and/or cylindrical at least in some sections and at least one second cleaning body with an inner surface which forms a second cleaning surface and which is conical and/or cylindrical at least in some sections. The second cleaning body is designed to receive the first cleaning body said cleaning surfaces lying opposite one another and delimiting a cleaning gap between one another. The device further comprises a drive device with which at least one of the cleaning bodies can be rotated about the cleaning body longitudinal axis and a supply device with which shredded plastic can be supplied into the cleaning gap. Each of the cleaning surfaces of the cleaning bodies has a plurality of cleaning ribs which extend over the cleaning surfaces at least one flank of the cleaning ribs being inclined or curved and multiple cleaning webs which run transversely to the direction of extension of the cleaning ribs are arranged between at least some adjacent cleaning ribs. The invention further relates to a corresponding method.



No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.1978/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING QUALITY OF EXPERIENCE IN SHARING SCREEN AMONG DEVICES AND RECORDING MEDIUM THEREOF

(51) International classification :H04N21/436,H04N21/4402
(31) Priority Document No :61/804804
(32) Priority Date :25/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/002450
Filing Date :24/03/2014
(87) International Publication No :WO 2014/157889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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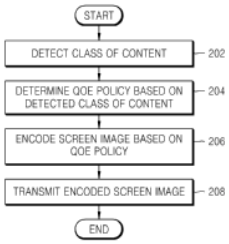
(72)**Name of Inventor :**
1)KIM Yong tae
2)KIM Shin ae
3)BAEK Yun sun

(57) Abstract :
A method of improving quality of experience (QoE) in a first device which shares a screen of the first device with a second device includes: detecting a class of a content currently displayed on the screen; determining a QoE policy based on the detected class of the content; encoding a screen image of the screen based on the determined QoE policy; and transmitting the encoded screen image to the second device. As such when a screen is shared among a plurality of devices optimal QoE may be achieved with respect to each class of a content.



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015

(21) Application No.1883/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BENZAZEPINES AS SEROTONIN 5 HT2C RECEPTOR LIGANDS AND USES THEREOF

(51) International classification :A61K31/55
(31) Priority Document No :61/745241
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077501
Filing Date :23/12/2013
(87) International Publication No :WO 2014/100815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROBARGE Mike
2)HARRINGTON John
3)GERRISH David
4)MECOM John

(57) Abstract :
2c2cThe present invention generally relates to a series of compounds to pharmaceutical compositions containing the compounds and to use of the compounds and compositions as therapeutic agents. More specifically compounds of the present invention are benzazepine compounds. These compounds are serotonin receptor (5 HT) ligands and are useful for treating diseases disorders and conditions wherein modulation of the activity of serotonin receptors (5 HT) is desired (e.g. addiction anxiety depression obesity and others).

No. of Pages : 111 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015

(21) Application No.1884/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMORPH

(51) International classification :C07J71/00,A61K31/7048
(31) Priority Document No :2012905703
(32) Priority Date :21/12/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000417
Filing Date :24/04/2013
(87) International Publication No :WO 2014/094032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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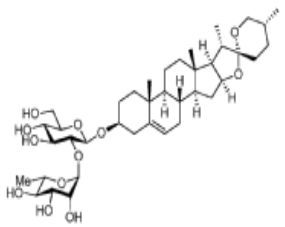
(72)**Name of Inventor :**
1)WALKER David Millar
2)MARSHALL Philip Andrew

(57) Abstract :
The present invention relates to a new polymorphic form of the compound diosgenyl a L rhamnopyranosyl (1 >2) D glucopyranoside (compound (I)) and pharmaceutical compositions containing this polymorph



Compound (I)

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1885/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR TREATING THERMAL INJURIES AND WOUNDS COMBINED WITH BONE INJURIES

(51) International classification :A61K36/756,A61K35/56,A61P19/08
(31) Priority Document No :201310027487.8
(32) Priority Date :24/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076412
Filing Date :29/05/2013
(87) International Publication No :WO 2014/114045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)XU Rongxiang

(57) Abstract :
The present invention relates to pharmaceutical compositions for treating thermal injuries and wounds combined with bone injuries. More specifically the present invention relates to a pharmaceutical composition for treating thermal injuries and wounds combined with bone injuries characterized in consisting of the following components: 4 12% beeswax and 88 96% sesame oil extract containing the raw material of thes drugs Scutellaria baicalensis Coptis chinensis golden cypress pericarpium papaveris and earthworms of the total weight of the pharmaceutical composition wherein the raw materials of the drugs Scutellaria baicalensis Coptis chinensis golden cypress pericarpium papaveris and earthworms are respectively present in 1 6% of the total dry weight of the sesame oil by weight. The pharmaceutical composition of the present invention can treat thermal injuries involving human skin subcutaneous tissues and bones as well as involving bone wounds especially open fractures deep thermal injuries combined with bone injuries and deep thermal injuries combined with bone necrosis caused by trauma such as deep burns combined with bone injuries or bone necrosis.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1980/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF FORMING FINFET HAVING FINS OF DIFFERENT HEIGHT

(51) International classification :H01L21/762,H01L29/66
(31) Priority Document No :13/784867
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020402
Filing Date :04/03/2014
(87) International Publication No :WO 2014/138116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SONG Stanley Seungchul

(57) Abstract :
A method is performed on a silicon on insulator (SOI) wafer formed of a substrate a bottom oxide layer on the substrate and an active silicon layer on the bottom oxide layer where the active silicon layer has a surface opposite the bottom oxide layer. The method includes forming a first mask over the surface at a first portion of the wafer and leaving a second portion of the wafer unmasked etching the wafer at the unmasked second portion of the wafer to form a depression in the active silicon layer the depression having a bottom forming a thermal oxide layer substantially filling the depression removing the first mask and forming fins at the first and second portions of the wafer.

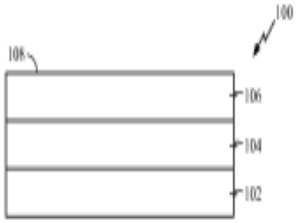

FIG. 1
(Conventional Art)

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1889/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENTROPY ENCODING SLICE SEGMENT AND APPARATUS THEREFOR AND METHOD FOR ENTROPY DECODING SLICE SEGMENT AND APPARATUS THEREFOR

(51) International classification :H04N19/13,H04N19/91
(31) Priority Document No :61/748964
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000093
Filing Date :06/01/2014
(87) International Publication No :WO 2014/107065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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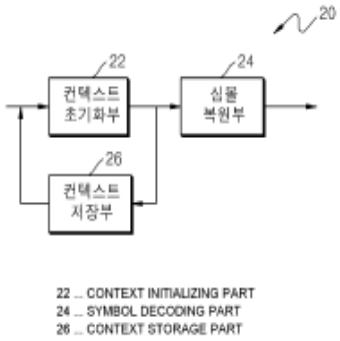
2)CHOI Byeong doo

(57) Abstract :
The present invention relates to entropy encoding and entropy decoding for encoding and decoding a video signal. The method for entropy decoding a video signal comprises the steps of: determining a bin string and a bin index for the maximum encoding unit obtained from a bit stream; when determining the value of a syntax element by comparing the presently obtained bin string with the bin strings to be assigned to the syntax element in the bin index if the syntax element is the last one in the last maximum encoding unit and a subordinate slice segment can be included in the picture including the maximum encoding unit storing the context parameters for the maximum encoding unit; and decoding the symbols of the maximum encoding unit by using the value of the previously determined syntax element.



No. of Pages : 92 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1890/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CATALYST COMPOSITION FOR POLYMERIZATION OF OLEFINS

(51) International classification :C08F10/00,C08F4/656,C08F4/651
(31) Priority Document No :13000492.2
(32) Priority Date :31/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051609
Filing Date :28/01/2014
(87) International Publication No :WO 2014/118164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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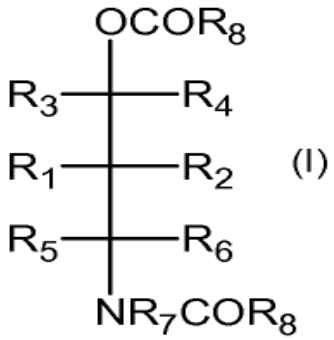
3)ZAKHAROV Vladimir Aleksandrovich
4)BUKATOV Gennadii Dimitrievich
5)VIMALKUMAR Mahendrabhai Patel
6)SERGEEV Sergei Andreevich
7)ZUIDEVELD Martin Alexander
8)BATINAS GEURTS Aurora Alexandra

(57) Abstract :
The present invention relates to a catalyst composition comprising a monoester the compound represented by formula (I) as an internal electron donor and optionally an additional internal electron donor selected from a group consisting of diesters and diethers Formula (I) wherein: R R R R R and R are the same or different and are independently selected from the group consisting of hydrogen straight branched and cyclic alkyl having at most 20 carbon atoms and aromatic substituted and unsubstituted hydrocarbyl having 6 to 20 carbon atoms; R is selected from the group consisting of straight branched and cyclic alkyl having at most 20 carbon atoms and aromatic substituted and unsubstituted hydrocarbyl having 6 to 20 carbon atoms; and R is selected from the group consisting of aromatic substituted and unsubstituted hydrocarbyl having 6 to 20 carbon atoms. The present invention also relates to a process for preparing said polymerization catalyst composition and to a polymerization catalyst system comprising said catalyst composition a co catalyst and optionally an external electron donor. Furthermore the present invention relates to use of said catalyst composition for polymerization of olefins.



(I)

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.1986/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CURRENT MEASUREMENT DEVICE

(51) International classification :G01R19/00,G01T1/185,G01T7/00
(31) Priority Document No :2013152594
(32) Priority Date :23/07/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/003853
Filing Date :22/07/2014
(87) International Publication No :WO 2015/011916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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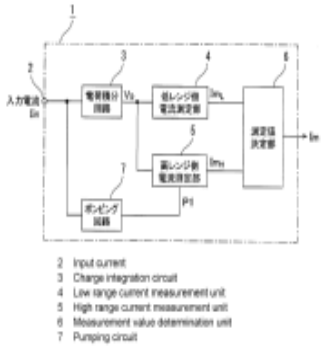
1)YAMAMURA Seini

(57) Abstract :
Provided is a current measurement device which is capable of measuring a minute current within a wide range accurately and in a short period of time. The current measurement device comprises: an integration circuit (3) which integrates the current to be measured and outputs an integration signal; a low range current measurement unit (4) into which the integration signal output from the integration circuit is input and which calculates a low range current measurement value that is proportional to the rate of change of the integration signal; a high range current measurement unit (5) which calculates a high range current measurement value on the basis of a pulse signal corresponding to the cycle of the integration signal that is output from the integration circuit; a pumping circuit (7) which using the pulse signal discharges a charge stored in the integration circuit; and a measurement value determination unit (6) which determines a measurement value of the current to be measured said measurement value being determined on the basis of the low range current measurement value calculated by the low range current measurement unit and the high range current measurement value calculated by the high range current measurement unit.



No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1888/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR DETERMINING THE NUMBER OF BITS OF RANK INDICATOR (RI) BASE STATION AND TERMINAL

(51) International classification :H04W24/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/070713
Filing Date :18/01/2013
(87) International Publication No :WO 2014/110807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEI Dong
3)GUO Yi
4)WU Qiang

(57) Abstract :
The present invention provides a method for determining the number of bits of a rank indicator (RI) a base station and a terminal. The method comprises: a base station determining indication information according to correspondence between a terminal and the base station and multi input multi output (MIMO) capability of the terminal the indication information comprising information used by the terminal to determine the number of bits occupied for sending an RI; and the base station sending the indication information to the terminal so that the terminal determines according to the indication information the number of bits occupied for sending the RI. By means of the present invention the UE and the base station obtain consistent understanding of the number of bits occupied by the RI information.

图 2/Fig. 2

201 A base station determines indication information according to correspondence between a terminal and the base station and MIMO capability of the terminal, the indication information comprising information used by the terminal to determine the number of bits occupied for sending an RI
202 Send the indication information to the terminal, so that the terminal determines, according to the indication information, the number of bits occupied for sending the RI

No. of Pages : 68 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.1982/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DELAY COMPENSATION WHILE CONTROLLING A REMOTE SENSOR

(51) International classification :G06F7/20,G06K9/20,H04N5/00
(31) Priority Document No :224273
(32) Priority Date :17/01/2013
(33) Name of priority country :Israel
(86) International Application No:PCT/IL2014/050045
Filing Date :14/01/2014
(87) International Publication No :WO 2014/111931
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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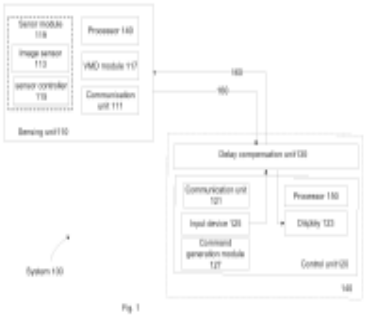
(72)**Name of Inventor :**
1)BAR DAVID Sagiv
2)COHEN Yossi

(57) Abstract :
The presently disclosed subject matter includes a method a system and a delay compensation unit configured for compensating a delay in communication between a sensing unit and a control unit. A succession of two or more captured images are received from the sensing unit; information indicative of command dynamics parameters are obtained from the control unit; based on the information and a respective transfer function which models the dynamics of the sensor module the expected reaction of the sensing module to the command is determined; and information indicative of the reaction before the command is executed in the sensing unit can be provided.



No. of Pages : 48 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.1983/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DEVICE TO DEVICE COMMUNICATION

(51) International classification :H04W76/02,H04W92/18
(31) Priority Document No :1020130009353
(32) Priority Date :28/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000795
Filing Date :28/01/2014
(87) International Publication No :WO 2014/116083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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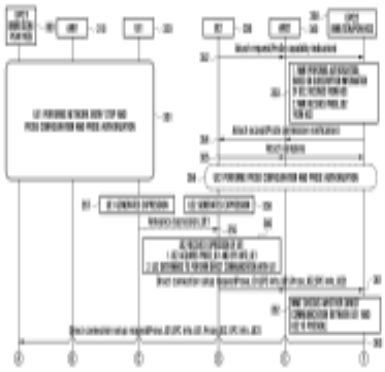
2)BAE Beom Sik
3)CHO Songyean

(57) Abstract :
A method and apparatus for performing a device to device (D2D) communication by a user equipment and supporting D2D communication by a communication entity. The D2D communication method may include: acquiring ProSe ID of the UE or the UE s user which is used in the D2D communication; generating an expression by using the ProSe ID; broadcasting the generated expression; receiving a direct D2D connection request message from another UE over a core network; sending a direct connection accept message in response to the direct D2D connection request message; and performing the D2D communication with another UE. Accordingly D2D communication can be efficiently performed.



No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1984/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INCREMENTAL UPGRADE METHOD APPARATUS FOR APPLYING METHOD AND STORAGE MEDIUM

(51) International classification :H04L29/08
(31) Priority Document No :201210580670.6
(32) Priority Date :27/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/082456
Filing Date :28/08/2013
(87) International Publication No :WO 2014/101451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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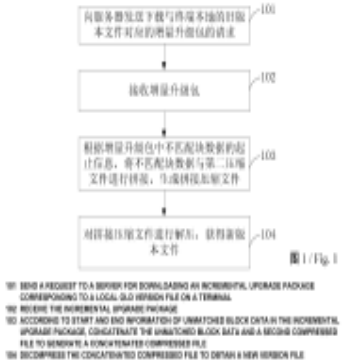
2)YU Yongfu
3)HE Xiaopeng
4)ZHU Shunyan
5)HUANG Hao
6)XU Weixin
7)FU Fangzhu

(57) Abstract :
The present invention provides an incremental upgrade method an apparatus for applying the method and a storage medium wherein the incremental upgrade method comprises: sending a request to a server for downloading an incremental upgrade package corresponding to a local old version file on a terminal; receiving the incremental upgrade package which comprises unmatched block data obtained by comparing a first compressed file with a second compressed file and start and end information of the unmatched block data wherein the first compressed file is a compressed file that concatenates the old version file and a new version file and the second compressed file is a compressed file of the old version file; concatenating the unmatched block data in the incremental upgrade package and the local second compressed file to generate a concatenated compressed file; and at last decompressing the concatenated compressed file to obtain the new version file. The method saves data traffic and reduces a bandwidth resource that is occupied.



No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1895/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DATA AIDED TIMING RECOVERY IN 10GBASE T SYSTEM

(51) International classification :H04L7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/071735
Filing Date :21/02/2013
(87) International Publication No :WO 2014/127514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUANG Yin
3)XU Changlong
4)LI Jian
5)XUE Yisheng

(57) Abstract :
A method of data aided timing recovery for Ethernet systems is disclosed. A first device negotiates a pseudorandom number sequence with a second device and receives a data signal from the second device. The first device samples the received data signal to recover a first training sequence. The first device also generates a second training sequence based on the pseudorandom number sequence. The second training sequence is then synchronized with the first training sequence. The synchronized second training sequence is used to align a receive clock signal of the first device with the data signal received from the second device.

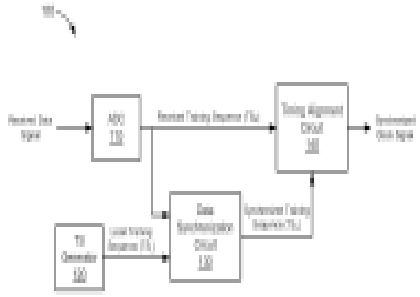

FIG. 1

No. of Pages : 42 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1896/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMUCOSAL DELIVERY OF GLATIRAMER ACETATE

(51) International classification :A61K9/20,A61K9/52,A61K31/785
(31) Priority Document No :61/745226
(32) Priority Date :21/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077034
Filing Date :20/12/2013
(87) International Publication No :WO 2014/100639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHWEIZER Stephan
3)BUERGER Martina
4)STEFAN Ralph
5)HUBER Gerald
6)PRIES Tanja

(57) Abstract :
The present invention provides an oral tablet comprising glatiramer acetate in an amount from about (10) percent to about (60) percent by weight and one or more gel forming agents in a total amount up to about (90) percent by weight. The present invention also provides a method of delivering glatiramer acetate across a buccal membrane comprising orally administering an oral tablet of any one of the embodiments.

No. of Pages : 51 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1897/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPRESSED AIR ENERGY STORAGE SYSTEM

(51) International classification	:F15B1/027,F03B13/06,F04B41/02
(31) Priority Document No	:61/737807
(32) Priority Date	:16/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2013/050972 :16/12/2013
(87) International Publication No	:WO 2014/089709
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)KARAMANEV Dimitre

(57) Abstract :
The present disclosure is related to a method of pseudo isothermal energy conversion between mechanical and pneumatic energy comprising the steps of: providing a gas/liquid unit wherein the gas/liquid unit may be a compression unit filled with gas and a liquid storage unit containing liquid the compression unit having thermally conductive walls; compressing the gas by pumping the liquid into the compression unit via a liquid pump and producing compressed gas; concurrently transferring the heat created during the compression step through the walls of the compression unit; and transferring the compressed gas into a compressed gas storage unit and thereby storing energy in the form of pneumatic energy of a compressed gas. The method may also include expansion steps wherein the stored pneumatic energy in the form of compressed gas is converted into mechanical energy

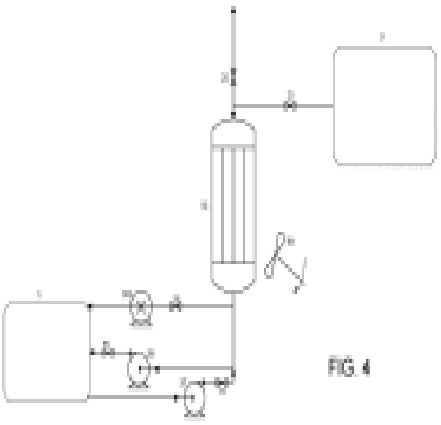
FIG. 4

No. of Pages : 56 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1990/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOISE FILLING WITHOUT SIDE INFORMATION FOR CELP LIKE CODERS

(51) International classification :G10L19/028
(31) Priority Document No :61/758189
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/051649
Filing Date :28/01/2014
(87) International Publication No :WO 2014/118192
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HELMRICH Christian
3)JANDER Manuel
4)SCHUBERT Benjamin
5)YOKOTANI Yoshikazu

(57) Abstract :
This invention relates to an audio decoder for providing a decoded audio information on the basis of an encoded audio information comprising linear prediction coefficients (LPC) a respective method a respective computer program for performing such a method and an audio signal for a storage medium having stored such an audio signal the audio signal having been treated with such a method. The audio decoder comprises a tilt adjuster configured to adjust a tilt of a noise using linear prediction coefficients of a current frame to obtain a tilt information and a noise inserter configured to add the noise to the current frame in dependence on the tilt information obtained by the tilt calculator. Another audio decoder according to the invention comprises a noise level estimator configured to estimate a noise level for a current frame using a linear prediction coefficient of at least one previous frame to obtain a noise level information; and a noise inserter configured to add a noise to the current frame in dependence on the noise level information provided by the noise level estimator. Thus side information about a background noise in the bit stream may be omitted.

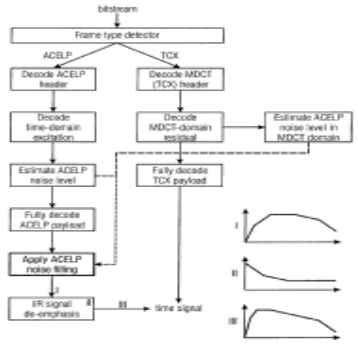

FIGURE 6

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1892/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STORAGE SYSTEM AND METHOD FOR ALLOCATING RESOURCE

(51) International classification :G06F3/06,G06F9/455
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/000430
Filing Date :28/01/2013
(87) International Publication No :WO 2014/115188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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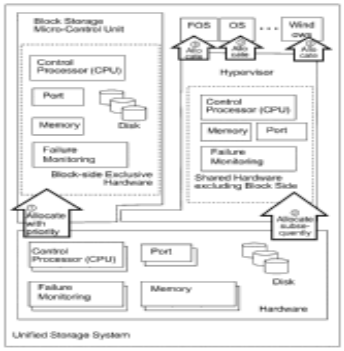
2)EGUCHI Yoshiaki

(57) Abstract :
In conventional unified storage systems an I/O for block storage and an I/O for file storage are processed in a single OS without being distinguished so that it was not possible to perform processes for speedy failure detection or for enhancing performances such as tuning of performance by directly monitoring hardware. The present invention solves the problem by having a block storage side OS and an OS group managing multiple systems including a file system other than the block storage side OS coexist within a storage system wherein the OS group managing multiple systems including a file system other than the block storage side OS is virtualized by a hypervisor wherein a block storage micro controller and the hypervisor can cooperate in performing processes.

Fig. 1



No. of Pages : 75 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

(21) Application No.1894/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MESSAGE AUTHENTICATION USING A UNIVERSAL HASH FUNCTION COMPUTED WITH CARRYLESS MULTIPLICATION

(51) International classification	:H04L9/32,H04W12/10,H04L29/06
(31) Priority Document No	:13/771531
(32) Priority Date	:20/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/016285 :13/02/2014
(87) International Publication No	:WO 2014/130341
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)DENT Alexander W.

(57) Abstract :
A method for authenticating a message by a wireless device is described. The wireless device obtains the input message. The wireless device generates a keystream. The wireless device computes a message authentication code using the keystream and a universal hash function. The universal hash function is computed using carryless multiplication.

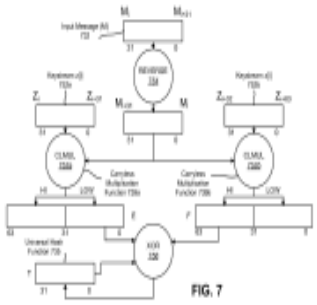
FIG. 7

No. of Pages : 38 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1992/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBODIES THAT BIND IL 23

(51) International classification :A61K39/395
(31) Priority Document No :61/774732
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020064
Filing Date :04/03/2014
(87) International Publication No :WO 2014/137962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRIGHT Stuart Willis
3)GIRARD Daniel Scott
4)KIKLY Kristine Kay

(57) Abstract :
The present invention provides an antibody that binds to the pi 9 subunit of human IL 23 and is characterized as having high affinity selective and neutralizing properties. The antibody is useful in the treatment or prevention of an autoimmune or inflammatory condition selected from the group consisting of consisting of multiple sclerosis rheumatoid arthritis psoriasis inflammatory bowel diseases ankylosing spondylitis graft versus host disease lupus and metabolic syndrome.. The antibody is also useful in the treatment of cancer.

No. of Pages : 46 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1994/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PREVENTING UNAUTHORIZED ACCESS TO CONTENTS OF A REGISTER UNDER CERTAIN CONDITIONS WHEN PERFORMING A HARDWARE TABLE WALK (HWTW)

(51) International classification	:G06F12/14,G06F21/79,G06F12/10
(31) Priority Document No	:13/785979
(32) Priority Date	:05/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/020185 :04/03/2014
(87) International Publication No	:WO 2014/138005
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)TOUZNI Azzedine
3)TZENG Tzung Ren
4)BOSTLEY Phil J.

(57) Abstract :
A security apparatus and method has a security algorithm that prevents unauthorized access to contents of a physical address (PA) that have been loaded into a storage element of the computer system as a result of performing a prediction algorithm during a hardware table walk that uses a predictor to predict a PA based on a virtual address (VA). When the predictor is enabled it might be possible for a person with knowledge of the system to configure the predictor to cause contents stored at a PA of a secure portion of the main memory to be loaded into a register in the TLB. In this way a person who should not have access to contents stored in secure portions of the main memory could indirectly gain unauthorized access to those contents. The apparatus and method prevent such unauthorized access to the contents by masking the contents under certain conditions.

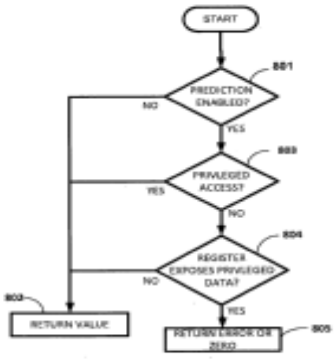

FIG. 8

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1913/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERFACE BETWEEN LOW POWER NODE AND MACRO CELL TO ENABLE DECOUPLED UPLINK AND DOWNLINK COMMUNICATION

(51) International classification	:H04W74/00,H04W92/20,H04W74/08
(31) Priority Document No	:61/769011
(32) Priority Date	:25/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/018350 :25/02/2014
(87) International Publication No	:WO 2014/131017
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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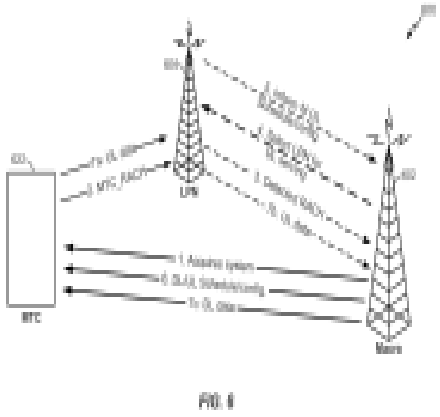
(72)**Name of Inventor :**
1)GRIOT Miguel
2)XU Hao
3)JI Tingfang
4)HORN Gavin Bernard

(57) Abstract :
Certain aspects provide a method for wireless communications with low powered possible low cost devices such as machine type communications (MTC) devices. A method for wireless communications by a wireless node is provided. The method generally includes receiving from a base station of a cell signaling indicating a random access channel (RACH) configuration for a wireless device detecting based on the RACH configuration the wireless device performing a RACH procedure reporting the RACH detection to the base station of the cell receiving signaling indicating the wireless node has been selected to serve the wireless device for uplink communications with the base station of the cell receiving uplink data transmitted from the wireless device and forwarding the uplink data to the base station of the cell.



No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015
(21) Application No.1914/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR TEMPERATURE DRIVEN SELECTION OF VOLTAGE MODES IN A PORTABLE COMPUTING DEVICE

(51) International classification :G06F1/20,G06F1/32
(31) Priority Document No :13/773842
(32) Priority Date :22/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016266
Filing Date :13/02/2014
(87) International Publication No :WO 2014/130339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)QUALCOMM INCORPORATED
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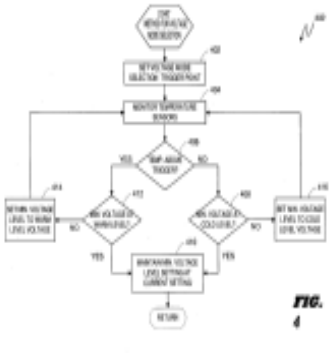
(72)**Name of Inventor :**
1)CHEN Wei
2)DOBRE Sorin
3)ALTON Ronald F.
4)ANDERSON Jon J.

(57) Abstract :
Various methods and systems for minimum supply voltage level selection in a portable computing device (PCD) are disclosed. It is an advantage of the various embodiments that PCD designers may close timing at a certain minimum supply voltage and operating temperature threshold that is higher than the lowest end of the main operating temperature range within which the PCD must function. By closing timing at the higher operating temperature threshold relatively smaller components requiring relatively lower power consumption may be used in the PCD thereby providing improved overall power consumption when the PCD is operating at operating temperatures above the threshold. To maintain functionality when operating temperatures fall below the threshold the minimum supply voltage to the components is increased. The systems and methods sacrifice power consumption concerns below the operating temperature threshold in exchange for reduced form factors and improved power efficiencies in higher more typical operating temperature conditions.



No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015
(21) Application No.2002/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHARACTER RECOGNITION METHOD

(51) International classification :G06K9/00,G06K9/60
(31) Priority Document No :201310012073.8
(32) Priority Date :11/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/077968
Filing Date :26/06/2013
(87) International Publication No :WO 2014/107945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIANG Tiancai
2)WANG Kun
3)WANG Weifeng
4)LIU Siwei

(57) Abstract :
Pk1Pk2MkPPk1Pk2MkPThe present invention relates to a character recognition method. Same comprises: step 1: reading in a character image; step 2: image preprocessing; step 3: character splitting; step 4: edge extraction; utilizing an edge detection operator to detect edge points of characters; step 5: feature extraction where the features of each edge point of each character are all expressed with distances running from other edge points of the character to the edge point and are represented by eigenvectors (¦); step 6: feature processing mapping the eigenvectors (¦) into a matrix T thus allowing all characters to be identical in eigenvector dimension; and step 7: template matching recognition. Because the features of each edge point of the characters are all expressed with the distances running from the other edge points to the edge point the entirety of the features are ensured for the characters and the difference in features are expanded for different characters thus increasing character recognition accuracy.

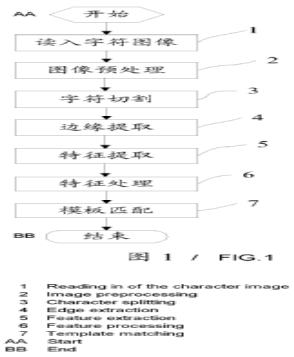

图 1 / FIG.1

1 Reading in of the character image
2 Image preprocessing
3 Character splitting
4 Edge extraction
5 Feature extraction
6 Feature processing
7 Template matching
AA Start
BB End

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015
(21) Application No.1814/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONVERSION OF ASPHALTENIC PITCH WITHIN AN EBULLATED BED RESIDUUM HYDROCRACKING PROCESS

(51) International classification :C10G47/00,C10G49/22
(31) Priority Document No :13/743936
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011022
Filing Date :10/01/2014
(87) International Publication No :WO 2014/113285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
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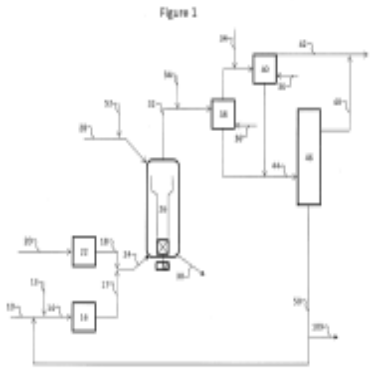
1)MUKHERJEE Ujjal K.
2)BALDASSARI Mario C.
3)GREENE Marvin I.

(57) Abstract :
A process for upgrading residuum hydrocarbons including: feeding pitch hydrogen and a partially spent catalyst recovered from a hydrocracking reactor to an ebullated bed pitch hydrocracking reactor; contacting the pitch hydrogen and the catalyst in the ebullated bed pitch hydrocracking reactor at reaction conditions of temperature and pressure sufficient to convert at least a portion of the pitch to distillate hydrocarbons; and separating the distillate hydrocarbons from the catalyst. In some embodiments the process may include selecting the ebullated bed pitch hydrocracking reactor reaction conditions to be at or below the level where sediment formation would otherwise become excessive and prevent continuity of operations.



No. of Pages : 23 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015
(21) Application No.1910/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RADIO COMMUNICATION METHOD USER EQUIPMENT AND NETWORK SIDE DEVICE

(51) International classification :H04W74/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/070480
Filing Date :15/01/2013
(87) International Publication No :WO 2014/110714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LI Chaojun
2)MA Sha

(57) Abstract :
Provided in the present invention are a radio communication method a user equipment and a network side device. The radio communication method comprises: the network side device receives a random access preamble signal transmitted by the user equipment where the duration of the random access preamble signal is either one SC FDMA symbol or one OFDM symbol thus allowing insofar as the user equipment is allowed random access to a cell greatly reduced air interface overhead for random access. The cell can either be a microcell or other similar cells.

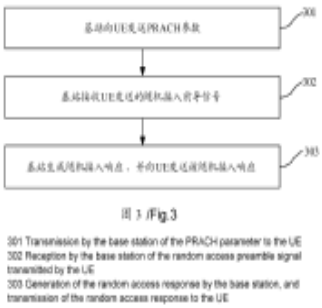

图 3 /Fig.3

301 Transmission by the base station of the PRACH parameter to the UE
302 Reception by the base station of the random access preamble signal transmitted by the UE
303 Generation of the random access response by the base station, and transmission of the random access response to the UE

No. of Pages : 69 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2000/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SLOW CLOSING HINGE FOR DOORS

(51) International classification :E05F3/14,E05F3/20
(31) Priority Document No :201310027801.2
(32) Priority Date :24/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/071232
Filing Date :23/01/2014
(87) International Publication No :WO 2014/114251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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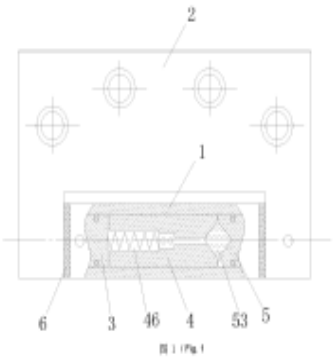
2)CHEN Shangda
(72)**Name of Inventor :**
1)CHEN Zheng
2)CHEN Shangda

(57) Abstract :
A slow-closing door hinge, includes a first foldout (1) and a second foldout (2) having a shaft sleeve respectively. A fixed rod (3) is fixedly mounted in the shaft sleeve of the first foldout (1), and a rotating rod (5) is fixedly mounted in the shaft sleeve of the second foldout (2). A connecting rod (4) connects the fixed rod (3) and the rotating rod (5). The connecting rod (4) and the fixed rod (3) are movably connected, and a hollow groove (46) is provided at the joint. A restoring spring (45) in contact with the fixed rod (3) and fixed to the connecting rod (4) is provided in the hollow groove (46). The connecting rod (4) is connected with the rotating rod (5) in a coaxial, rotationally actuating manner. The relative forward and backward rotation of the fixed rod (3) and the rotating rod (5) cooperates with the restoring spring (45) to drive the connecting rod (4) in a reciprocal motion within the shaft sleeve. The slow-closing door hinge has a simple structure, is easy to install, and can avoid the loss of slow-closing function when a malfunction occurs.



No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2001/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN AIR SUCTION AND EXHAUST GASES RECIRCULATION SYSTEM FOR A DIESEL ENGINE

(51) International classification :F02M35/10,F02M25/07
(31) Priority Document No :RM2013A000103
(32) Priority Date :22/02/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2014/052651
Filing Date :11/02/2014
(87) International Publication No :WO 2014/128026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARCACCI Maurizio
2)ZAPPALA Leonardo

(57) Abstract :
An air suction and exhaust gases recirculation system (1 2) for a diesel engine (30) it is described comprising: a suction duct (3 4) provided to channel air aspirated from the atmosphere to at least one cylinder (5) of said engine (30) the suction duct (3 4) including an intake manifold (3) and a suction line connected to the intake manifold (3) which is positioned upstream of said intake manifold (3); and a recirculation system of the exhaust gases (2) provided to introduce back into the suction duct (3 4) a part of the exhaust gases coming from an exhaust pipe (6) of said engine (30) said recirculation system (2) comprising a recirculation duct of the exhaust gases (8 9 10) fitted with an output gate (11) for said part of the exhaust gas which is suitable for communicating with the suction duct (3 4). The intake manifold (3) comprises an input cross section (17) having a first fluid transit area to permit the input into the intake manifold (3) of the air coming from the suction line 4. The suction duct (3 4) further comprises a duct cross section (18) having a second fluid transit area which is situated upstream of said output gate (11). The air suction and exhaust gas recirculation system (1 2) is characterised in that the second fluid transit area is an invariant and reduced area compared to the first fluid transit area.

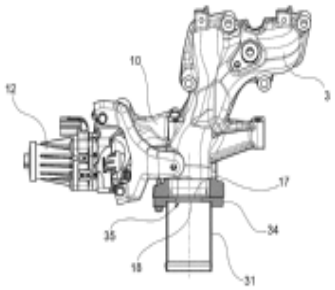

FIG. 5

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2015
(21) Application No.1816/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/30,F02D41/14
(31) Priority Document No :10 2012 025 019.3
(32) Priority Date :20/12/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/003819
Filing Date :17/12/2013
(87) International Publication No :WO 2014/095046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)D–ELKER Armin
2)BALDAUF Johannes

(57) Abstract :
The invention relates to a method and an assembly for operating an internal combustion engine. In the method a correction of the fuel mass is dynamically decoupled from the calculation of the charging pressure dependent limitation.

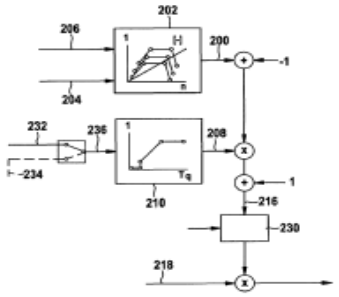

Fig. 6

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015
(21) Application No.1916/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EMERGENCY MODE FOR IOT DEVICES

(51) International classification :H04W12/08
(31) Priority Document No :61/769115
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018313
Filing Date :25/02/2014
(87) International Publication No :WO 2014/131009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOEL Amit
2)SHUMAN Mohammed Ataur Rahman
3)GUPTA Binita
4)AGGARWAL Ashutosh
5)SHARMA Sandeep

(57) Abstract :
Methods and apparatuses for implementing an emergency instruction based on an emergency message from a trusted authority source. The method includes receiving at an Internet of Things (IoT) device an emergency secret key from a trusted authority source The method receives at an IoT device an emergency message from the trusted authority source; decoding at an IoT device the emergency message from the trusted authority source using the emergency secret key to determine a value within the emergency message. The method calculates at an IoT device a result based on the determined value. The method implements at an IoT device an emergency instruction if the result is above a predetermined threshold.

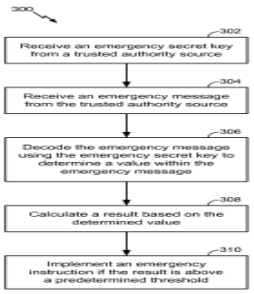

FIG. 3

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1917/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUEL FILTER ASSEMBLY AND CARTRIDGE

(51) International classification	:F02M37/22,B01D27/08,B01D35/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2013/021406 :14/01/2013
(87) International Publication No	:WO 2014/109767
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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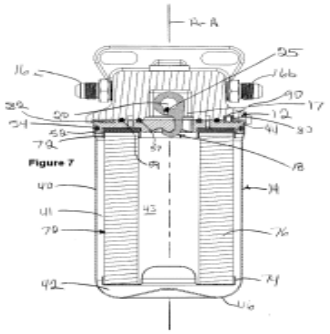
(72)**Name of Inventor :**
1)PRIBANIC Justin R.
2)SASUR Timothy M.

(57) Abstract :
A draw latch retainer is used to secure a filter cartridge to a filter head. A cam actuated retainer extends from the head to engage a keeper in the top of the cartridge. Rotation of the cam draws the retainer and cartridge axially toward the head into an installed position. The retainer extends through an aperture in the upper portion of the cartridge to apply a retention force against the bottom side of the keeper. The keeper and upper portion of the cartridge supporting the keeper are configured to transmit the retaining force laterally across the top of the cartridge. The keeper may be integral with a top plate enclosing an open end of the cartridge housing or may be supported by the top plate.



No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2010/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD

(51) International classification :G01N3/08,G01N19/02
(31) Priority Document No :13153649.2
(32) Priority Date :01/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077662
Filing Date :20/12/2013
(87) International Publication No :WO 2014/117907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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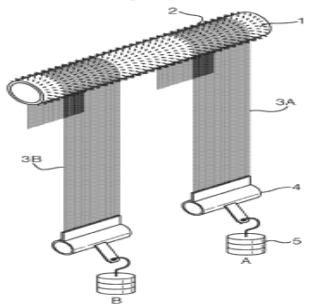
(72)**Name of Inventor :**
1)FAWCETT Sandra Anne
2)GRIFFITH Geraldine Bridget
3)MOGHADAM (nee PAPAPAVLOU) Sophia Paraskevi Clare
4)RICHARDS Claire Louise

(57) Abstract :
A method for assessing the state of hair byreleasably engaging a first end of hair fibres with a holder which so that an opposite second end of said hair fibres hangs free and applying sufficient force to the second end of the hair fibres such that the hair fibres at the first end are pulled fromthe holder.

Fig. 1



No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015
(21) Application No.2011/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISABLING AUGMENTED REALITY (AR) DEVICES AT SPEED

(51) International classification :G06F3/01,G02B27/01
(31) Priority Document No :13/787340
(32) Priority Date :06/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015832
Filing Date :11/02/2014
(87) International Publication No :WO 2014/137554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MANDALA Jack

(57) Abstract :
Systems apparatus and methods for limiting information on an augmented reality (AR) display based on various speeds of an AR device are presented. Often information forms a distraction when the wearer is driving running or even walking. Therefore the described systems devices and methods aim to limit information displayed on an AR display based on three or more levels movement (e.g. stationary walking driving) such that the wearer is less distracted when higher levels of concentration are needed for real world activities.

No. of Pages : 26 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1981/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERMAL MANAGEMENT OF AN ELECTRONIC DEVICE BASED ON SENSATION MODEL

(51) International classification :G06F1/20,G06F1/32
(31) Priority Document No :13/783142
(32) Priority Date :01/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017557
Filing Date :21/02/2014
(87) International Publication No :WO 2014/133880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)PARK Hee Jun

(57) Abstract :
Some implementations provide a method for performing thermal management of an electronic device. The method determines a sensation value based on (i) a temperature of the electronic device and (ii) a temperature rate change of the electronic device. The method associates a discomfort level from a plurality of discomfort levels based on the determined sensation value to the electronic device. At least one discomfort level is dynamically adjustable. The discomfort level specifies a maximum allowed activity for a processing unit of the electronic device. In some implementations the discomfort level specifies how thermally uncomfortable the electronic device is for a user of the electronic device. In some implementations each discomfort level from the several discomfort levels is associated with a particular range of sensation values. The sensation value is based on a user adjustable sensation model. The user adjustable sensation model is based on one of several thermal coefficient constants.

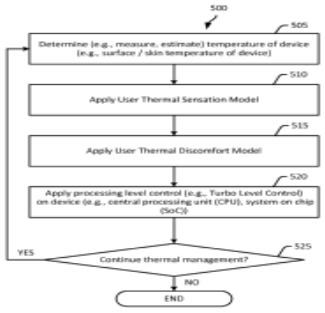


FIG. 5

No. of Pages : 55 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

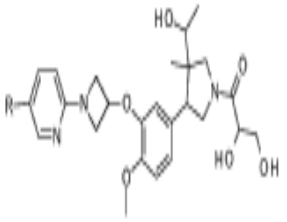
(21) Application No.2017/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AZETIDINYLOXYPHENYLPYRROLIDINE COMPOUNDS

(51) International classification	:C07D403/14,A61K31/4025,A61P13/10
(31) Priority Document No	:61/778546
(32) Priority Date	:13/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/021474 :07/03/2014
(87) International Publication No	:WO 2014/159012
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
(72)**Name of Inventor :**
1)DENG Gary G.
2)HUANG Danwen
3)ODINGO Joshua O.

(57) Abstract :
The invention provides certain azetidinyloxyphenylpyrrolidine compounds particularly compounds of formula I wherein R is hydrogen or methyl and pharmaceutical compositions thereof. The invention further provides methods of using a compound of formula I to treat overactive bladder.



I

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

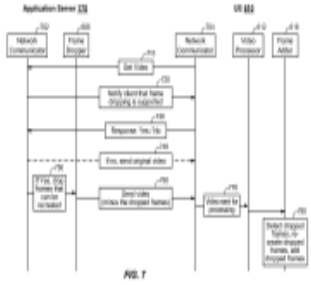
(21) Application No.2018/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR DECREASING THE BIT RATE NEEDED TO TRANSMIT VIDEOS OVER A NETWORK BY DROPPING VIDEO FRAMES

(51) International classification :H04N21/2343,H04N21/84
(31) Priority Document No :13/836269
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/028204
Filing Date :14/03/2014
(87) International Publication No :WO 2014/143988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GUEDALIA Isaac David
2)HARRIS Sarah

(57) Abstract :
An aspect of the disclosure is directed to transmitting a reduced stream of encoded video frames. An original stream of encoded video frames is analyzed a plurality of frames are removed without re encoding encoded video frames to generate the reduced stream of encoded video frames and the reduced stream and metadata describing the plurality of removed frames are transmitted. An aspect of the disclosure is directed to creating a new version of an original stream of encoded video frames from a reduced stream of encoded video frames. The reduced stream of encoded video frames is received the plurality of removed frames is identified based on metadata related to the reduced stream a plurality of replacement frames are generated and the plurality of replacement frames are added to the reduced stream of encoded video frames to recreate the new version of the original stream of encoded video frames.



No. of Pages : 50 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015
(21) Application No.2019/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REDUCING IMPACT OF CLOCK DRIFT IN WIRELESS DEVICES

(51) International classification :H04W56/00, E21C 39/00
(31) Priority Document No :61/772933
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017759
Filing Date :21/02/2014
(87) International Publication No :WO 2014/137630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ALDANA Carlos Horacio
2)ZHANG Ning

(57) Abstract :
Systems and methods for calculating round trip time (RTT) between two wireless devices with respective clock drifts while lowering the impact of the clock drifts on the RTT. A first RTT in a first direction is determined between a first wireless device and a second wireless device based on a first set of one or more messages exchanged between the first wireless device and the second wireless device. A second RTT in a second direction is determined between the second wireless device and the first wireless device based on a second set of one or more messages exchanged between the second wireless device and the first wireless device and an average RTT of the first RTT and the second RTT is computed wherein the average RTT has a low impact of the clock drifts.

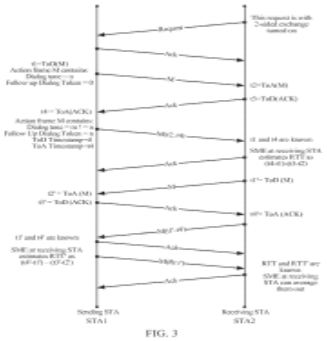


FIG. 3

No. of Pages : 33 No. of Claims : 35

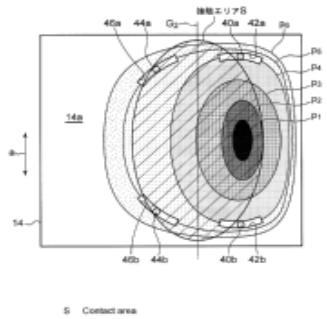
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1987/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TILTING PAD BEARING DEVICE

(51) International classification :F16C17/03,F16C33/10
(31) Priority Document No :2013016421
(32) Priority Date :31/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/052059
Filing Date :30/01/2014
(87) International Publication No :WO 2014/119652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HITACHI POWER SYSTEMS LTD.
Address of Applicant :3 1 Minatomirai 3 Chome Nishi ku Yokohama shi Kanagawa 2208401 Japan
(72)**Name of Inventor :**
1)NISHIOKA Tadasuke
2)SUMI Yuki

(57) Abstract :
The purpose of the present invention is to provide a tilting pad bearing device capable of levitating a rotating shaft by small supply oil pressure. A tilting pad bearing device is provided with: a plurality of bearing pads which are disposed around a rotating shaft and rotatably support the rotating shaft; a supporting member which is located between the plurality of bearing pads and a bearing housing supporting the bearing pads and swingably supports each of the bearing pads; and an oil supply mechanism which is configured to supply lubricating oil to at least one oil groove formed in the bearing surface of one or more bearing pads among the plurality of bearing pads and the at least one oil groove is provided inside and outside a contact area that is in contact with the outer peripheral surface of the rotating shaft within the bearing surface when the rotating shaft is stopped.



No. of Pages : 57 No. of Claims : 13

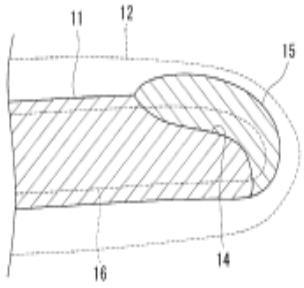
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1988/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STEAM TURBINE VANE MANUFACTURING METHOD

(51) International classification :F01D25/00,B23K9/00,B23K9/04
(31) Priority Document No :2013050087
(32) Priority Date :13/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/051519
Filing Date :24/01/2014
(87) International Publication No :WO 2014/141755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HITACHI POWER SYSTEMS LTD.
Address of Applicant :3 1 Minatomirai 3 chome Nishi ku Yokohama shi Kanagawa 2208401 Japan
(72)**Name of Inventor :**
1)HARAGUCHI Hidetaka
2)OYAMA Hiroharu
3)OTA Takahiro
4)MACHIDA Motonari
5)HATANO Kohei
6)MATSUMURA Takumi

(57) Abstract :
This steam turbine vane manufacturing method is provided with the following steps: a groove processing step for forming a protective part connecting surface (14) on a steam turbine vane material (11) that was subjected to rough processing; a build up welding step for forming by build up welding a protective part build up bead (15) on the protective part connecting surface (14); and a processing step for performing processing by cutting the steam turbine vane material (11) that was subjected to rough processing and the protective part build up bead (15) to finish the steam turbine vane material (11) that was subjected to rough processing so that the same becomes a steam turbine vane material (16) that was subjected to finishing processing. In this case the steam turbine vane material (11) that was subjected to rough processing is larger than the steam turbine vane material (16) that was subjected to finishing processing. As compared to other steam vane manufacturing methods for forming the protective part build up bead (15) by build up welding after the steam turbine vane material (11) that was subjected to rough processing is subjected to finishing processing this steam turbine vane manufacturing method can make the deformation amount of a welding substrate deformed by build up welding smaller and can appropriately produce a steam turbine vane.



No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2029/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOCATION AWARE NETWORK SELECTION

(51) International classification :H04W8/18,H04W48/18,H04W52/02, H04L 12/00
(31) Priority Document No :13/796836
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017795
Filing Date :21/02/2014
(87) International Publication No :WO 2014/163836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DO Ju Yong
2)MOEGLEIN Mark L.

(57) Abstract :
Methods and apparatuses for selecting a network in a mobile device comprising:determining a position estimate of the mobile device (410) wherein the mobile device comprises a plurality of transceivers configured to communicate over a plurality of networks (210 204 208 206); accessing a radio resource map for the position estimate (420) wherein the radio resource map contains a cost and a data rate at the position estimate for each network in the plurality of networks;selecting (430) the network from the plurality of networks and a single transceiver from the plurality of transceivers based on accessing the radio resource map; and communicating traffic (440) over the single transceiver.

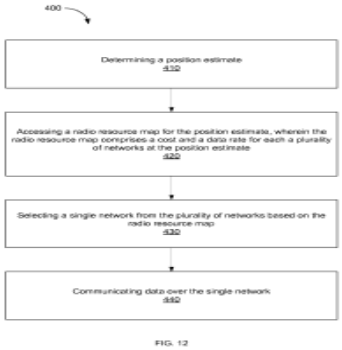


FIG. 12

No. of Pages : 37 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

(21) Application No.1702/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PEER TO PEER PICTURE SHARING USING CUSTOM BASED RULES FOR MINIMAL POWER CONSUMPTION AND BETTER USER EXPERIENCE

(51) International classification :G06F17/30,H04L29/08
(31) Priority Document No :13/763730
(32) Priority Date :10/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015025
Filing Date :06/02/2014
(87) International Publication No :WO 2014/124093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)RAMACHANDRAN Krishnan
2)PHILLIPS Paul G.
3)ROS Enrico
4)FORUTANPOUR Babak

(57) Abstract :
The disclosure is directed to content sharing. An aspect defines a filter having at least one parameter for receiving content and detects a content device. The content device is a peer device with sharable content. The aspect further queries the content device for desired content from the sharable content and receives the desired content from the content device. The desired content matches the at least one parameter.

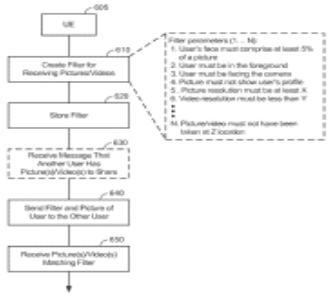


FIG. 6

No. of Pages : 41 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2015

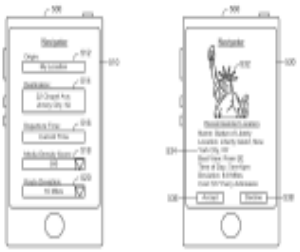
(21) Application No.1703/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR NAVIGATION BASED ON MEDIA DENSITY ALONG POSSIBLE ROUTES

(51) International classification :G01C21/34,G01C21/36
(31) Priority Document No :13/763728
(32) Priority Date :10/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015009
Filing Date :06/02/2014
(87) International Publication No :WO 2014/124082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DIDJUSTO Damir
2)SHRIRAM Ganesh

(57) Abstract :
The disclosure is directed to routing to a destination. An aspect determines a route from an origin to the destination and recommends a location of interest. The location of interest is a location with a media density score is greater than a threshold and within a range of deviation from the route. The media density score is based on a number of recommendations of a media file related to the media density score.



No. of Pages : 44 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2015

(21) Application No.1800/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CRENOLANIB FOR TREATING FLT3 MUTATED PROLIFERATIVE DISORDERS

(51) International classification :A61K31/4725,A61K31/4184,A61K31/337
(31) Priority Document No :61/749695
(32) Priority Date :07/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064821
Filing Date :14/10/2013
(87) International Publication No :WO 2014/107209
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AROG PHARMACEUTICALS INC.
Address of Applicant :5420 LBJ Freeway Suite 410 Dallas TX 75240 U.S.A.
(72)**Name of Inventor :**
1)JAIN Vinay K.

(57) Abstract :
The present invention relates to the use of crenolanib in a pharmaceutically acceptable salt form for the treatment of FLT3 mutated proliferative disorders driven by constitutively activated mutant FLT3 and to a method of treatment of warm blooded animals preferably humans in which a therapeutically effective dose of crenolanib is administered to an animal suffering from said disease or condition.

No. of Pages : 33 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2015

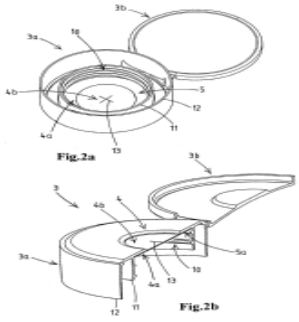
(21) Application No.1900/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLOSURE ASSEMBLY FOR SQUEEZE BOTTLE COMPRISING A THERMOPLASTIC VALVE

(51) International classification :B65D47/20
(31) Priority Document No :2010248
(32) Priority Date :05/02/2013
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2014/050065
Filing Date :03/02/2014
(87) International Publication No :WO 2014/123410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PLASTICUM NETHERLANDS B.V.
Address of Applicant :9 Zevenheuvelenweg NL 5048 AN Tilburg Netherlands
(72)**Name of Inventor :**
1)RAP Albertus
2)ELLENKAMP VAN OLST Lenny Marita
3)RAMON Willem
4)DEN BOER Sebastiaan Wilhelmus Josephus
5)PUN Shi Ming

(57) Abstract :
The present invention relates to closure assembly (1) comprising a valve (4) for containing a substance in a squeeze bottle (2) a multi layer material for providing a valve for such a closure assembly a method for providing such a multi layer material and a method for providing such a closure assembly. The closure assembly comprises a closure cap (3) with a cap part (3b) and a body part (3a) a valve (4) arranged in the body part of the closure cap and an induction element (5). The induction element is arranged in the closure cap body part for induction sealing a loop shaped peripheral section (4a) of the valve to a loop shaped attachment surface of the closure cap body part.



No. of Pages : 54 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015
(21) Application No.2031/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METAL OXIDE METAL (MOM) CAPACITOR WITH ENHANCED CAPACITANCE

(51) International classification :H01L23/522,H01L27/07,H01L29/94
(31) Priority Document No :13/784895
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017034
Filing Date :19/02/2014
(87) International Publication No :WO 2014/137589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LI Xia
2)YANG Bin

(57) Abstract :
A particular metal oxide metal (MOM) capacitor device includes a conductive gate material coupled to a substrate. The MOM capacitor device further includes a first metal structure coupled to the conductive gate material. The MOM capacitor device further includes a second metal structure coupled to the substrate and proximate to the first metal structure.

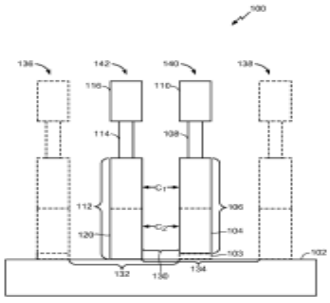


FIG. 1

No. of Pages : 51 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1995/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POSITIONING BEACON TRANSMITTER

(51) International classification :G01S5/02
(31) Priority Document No :13/789504
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020443
Filing Date :05/03/2014
(87) International Publication No :WO 2014/138138
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ROWITCH Douglas N.

(57) Abstract :
Disclosed are systems methods and devices for configuring a beacon transmitter for use in positioning operations of mobile devices. A beacon transmitter may be connected to a utility grade power source at a power cable. The beacon transmitter may also demodulate one or more data signals transmitted over the power cable to at least partially define a configuration for the beacon transmitter.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2025/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFUSION CATHETER WITH GUIDEWIRE VALVING

(51) International classification :A61M25/00
(31) Priority Document No :61/752649
(32) Priority Date :15/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010752
Filing Date :08/01/2014
(87) International Publication No :WO 2014/113257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)A.V. MEDICAL TECHNOLOGIES LTD.
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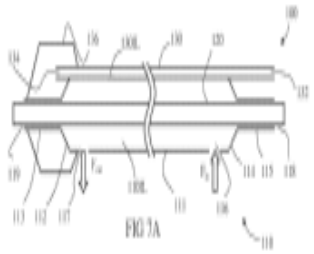
(72)**Name of Inventor :**
1)CARMEL Ilan
2)TAL Michael Gabriel
3)SHAHRUR Josef

(57) Abstract :
The present disclosure relates to a PTA (percutaneous transluminal angioplasty) balloon catheter (1000) preferably high pressure type optionally introducible as an over the wire catheter. The catheter possess the attribute of injecting fluid to the treated site through a dedicated opening (1116) proximal to the balloon member (1200) for introduction of fluids such as contrast enhancing material and/or medication. In some embodiments a single lumen is used at least in part both for fluids transfer and dispersion (infusion) as well as for guide wire passage. In some such embodiments a valve mechanism (1300) is used to sustain selective operability of the lumen so that fluids will disperse mostly or solely through the proximal dispersion opening rather than the guide wire distal exit opening.



No. of Pages : 55 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2026/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL SHEET HAVING TENSILE STRENGTH OF 780 MPA OR MORE

(51) International classification :C22C38/00,C22C38/14,C22C38/58
(31) Priority Document No :2013056487
(32) Priority Date :19/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/001379
Filing Date :11/03/2014
(87) International Publication No :WO 2014/148001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUNAKAWA Yoshimasa
3)NAKAMURA Nobuyuki

(57) Abstract :
The purpose of the present invention is to provide a high strength hot rolled steel sheet with good formability which has good magnetic characteristics and excellent punchability while having a tensile strength of 780 MPa or more. A high strength hot rolled steel sheet having a tensile strength of 780 MPa or more which is characterized by having a component composition that contains in mass% 0.070 0.140% of C 0.10 1.00% of Si 1.00 1.80% of Mn 0.050% or less of P 0.0050% or less of S 0.0080% or less of N 0.010 0.100% of Al and 0.050 0.150% of Ti with the balance made up of Fe and unavoidable impurities. This high strength hot rolled steel sheet having a tensile strength of 780 MPa or more is also characterized in that: 95% by volume or more of a bainite structure is contained; 80% or more of carbides among all the carbide precipitates are dispersed at the grain boundaries of bainitic ferrite that constitutes the bainite structure; and 80% or more of all the carbide precipitates have an average particle diameter of 20 300 nm.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2027/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED LOAD INDICATING DEVICE

(51) International classification :F16B31/02
(31) Priority Document No :1300093.0
(32) Priority Date :04/01/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050018
Filing Date :06/01/2014
(87) International Publication No :WO 2014/106752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The present invention provides improved load indicating devices for use with structural assemblies that require accurate tensioning of fastening components such as nuts and bolts. In one embodiment the load indicating device (10) comprises a body portion (12) defining a bore (14) extending therethrough a movable member (16) disposed in at least part of the body portion (12) and configured to move in a direction substantially orthogonal to the axis of the bore (14) and an adjustment means (18) coupled to the movable member (16) and operable to displace the movable member (16) when the body portion (12) is compressed.

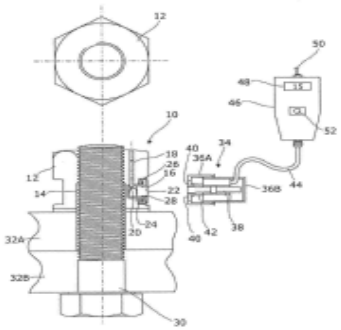

Figure 1

No. of Pages : 47 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2003/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ORAL CARE COMPOSITIONS

(51) International classification :A61K8/41,A61K8/42,A61K8/46
(31) Priority Document No :13153689.8
(32) Priority Date :01/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077209
Filing Date :18/12/2013
(87) International Publication No:WO 2014/117904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PARKER Andrew Philip

(57) Abstract :
The invention provides oral care composition suitable for delivering a temporary whitening effect to the surface of teeth the composition comprising: (a) a liquid continuous phase comprising water or monohydric or polyhydric alcohol or a mixture thereof; (b) a particulate tooth surface whitening agent which is dispersed in the continuous phase; (c) a deposition aid for the particulate tooth surface whitening agent; (d) from 0.1 to 5% by weight (based on the total weight of the oral care composition) of one or more surfactants; characterised in that of the total surfactants (d) present in the composition at least 50% by weight is selected from nonionic surfactants amphoteric or zwitterionic surfactants calcium tolerant anionic surfactants and mixtures thereof.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2004/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PERSONAL CARE COMPOSITIONS THAT INCLUDE ENROBED SUGAR

(51) International classification :A61Q19/10,A61K8/60
(31) Priority Document No :13/761993
(32) Priority Date :07/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/051595
Filing Date :28/01/2014
(87) International Publication No :WO 2014/122046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIU Hongjie
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3)SHAFER Georgia L.

(57) Abstract :
A personal care composition that comprises: a) a sugar infused with at least one additive in particular hair and/or skin benefit agent wherein the infused sugar is coated with a hydrocarbon layer of selected viscosity and melting point; b) at least 10 wt% water based on the total weight of the composition wherein the infused and coated sugar is suspended in the composition as a disperse particle phase.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2035/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 2 6 BIS (AMINOMETHYL)PIPERIDINE DERIVATES

(51) International classification :C07D211/26,C07D211/60
(31) Priority Document No :13153262.4
(32) Priority Date :30/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051519
Filing Date :27/01/2014
(87) International Publication No :WO 2014/118121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SCHMIDT Thomas
3)OFTRING Alfred
4)PANCHENKO Alexander
5)DAHMEN Kirsten
6)MOLT Oliver

(57) Abstract :
The invention relates to 2 6 bis (aminomethyl)piperidine derivates themselves (2 6 BAMP derivatives for short henceforth) which are defined by the general formula (I) specified below. The invention additionally relates to a method for producing such 2 6 BAMP derivatives by hydrogenating the corresponding 2 6 dicyanopiperidine derivatives (2 6 DCP derivatives for short henceforth) in the presence of a catalyst. The invention further relates to the use of the 2 6 BAMP derivatives according to the invention as a curing agent for epoxy resins as an intermediate product in the production of diisocyanates which play an important role in the production of polyurethanes as a starter in the production of polyetheroles and/or as a monomer for producing polyamide. The invention further relates to the diisocyanates themselves produced from the 2 6 BAMP derivatives and to the corresponding production method.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2036/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF SHARING CONTENTS BY USING PERSONAL CLOUD DEVICE AND ELECTRONIC DEVICE AND PERSONAL CLOUD SYSTEM USING THE SAME

(51) International classification	:G06Q50/10, G06F 9/00
(31) Priority Document No	:1020130001250
(32) Priority Date	:04/01/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/000051 :03/01/2014
(87) International Publication No	:WO 2014/107045
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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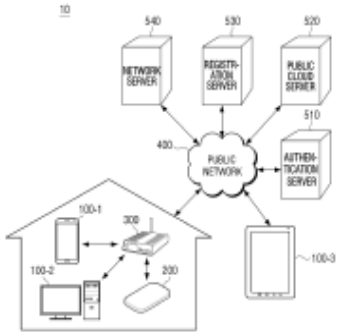
2)OH Su byeong
3)NOH Kyoung lae
4)SHIN Ki eun

(57) Abstract :
A method of sharing content by using a personal cloud device and an electronic device and a personal cloud system using the method are provided. The method includes connecting to a personal cloud device configured to share the content with another electronic device if a new first content is added to a set first folder determining an upload condition of the electronic device and if the upload condition satisfies a set condition transmitting the first content to the personal cloud device. Accordingly a user is able to share contents between a plurality of electronic devices by using a personal cloud device in real time.



No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015
(21) Application No.1996/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SCANNING FOR A WIRELESS ACCESS POINT

(51) International classification :H04N 1/00, H04W48/20,H04W48/16
(31) Priority Document No :13/796200
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018613
Filing Date :26/02/2014
(87) International Publication No :WO 2014/163889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)EDGE Stephen William

(57) Abstract :
Techniques for access point acquisition using the location of a mobile device and probabilistic self learning are described herein. An example of a method of scanning for an access point with a mobile device includes detecting a serving cell determining a location for the mobile device determining a maximum coverage area of an access point that is associated with the serving cell determining whether the location of the mobile device is within the maximum coverage area and performing a fast rate scan for the access point if the location is within the maximum coverage area.

FIG. 6

No. of Pages : 57 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1997/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REDUCING OBJECT DETECTION TIME BY UTILIZING SPACE LOCALIZATION OF FEATURES

(51) International classification :G06K9/62,G06K9/68
(31) Priority Document No :13/796444
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020898
Filing Date :05/03/2014
(87) International Publication No :WO 2014/164158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MCGRATH Gary Gerald
3)VRCELJ Bojan

(57) Abstract :
In one example a method for exiting an object detection pipeline includes determining while in the object detection pipeline a number of features within a first tile of an image wherein the image consists of a plurality of tiles performing a matching procedure using at least a subset of the features within the first tile if the number of features within the first tile meets a threshold value exiting the object detection pipeline if a result of the matching procedure indicates an object is recognized in the image and presenting the result of the matching procedure.

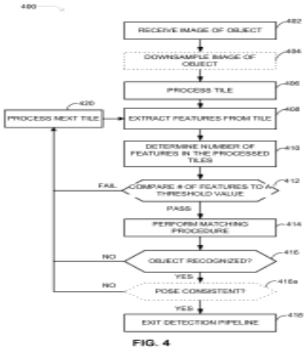

FIG. 4

No. of Pages : 36 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1998/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TIERED POSITIONING ASSISTANCE DATA FOR MOBILE DEVICES WITHIN AN INDOOR ENVIRONMENT

(51) International classification	:H04W64/00, G06F 3/00
(31) Priority Document No	:13/794269
(32) Priority Date	:11/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/022217 :10/03/2014
(87) International Publication No	:WO 2014/164383
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)GAO Weihua
4)VENKATRAMAN Sai Pradeep
5)EMADZADEH Amir Abbas
6)RAMAN Sundar
7)ZHANG Gengsheng

(57) Abstract :
Various methods, apparatuses and/or articles of manufacture are provided which may be implemented in one or more electronic devices supporting mobile device positioning within an indoor environment. Tiered positioning assistance data (tiered-PAD) corresponding to an indoor environment may be generated and/or distributed. Mobile device positioning and/or navigation capabilities may be based, at least in part, on tiered-PAD corresponding to the indoor environment. Tiered-PAD may be provided to a plurality of mobile devices. A given mobile device may, for example, select applicable portion(s) of tiered-PAD to affect one or more positioning functions and/or the like which may be performed, at least in part, by the mobile device.

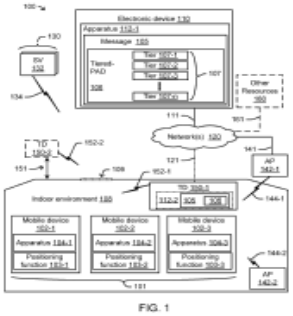

FIG. 1

No. of Pages : 51 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2043/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR SECURE LOGIN AND APPARATUS FOR SAME

(51) International classification :G06F21/30
(31) Priority Document No :1020120155630
(32) Priority Date :27/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005764
Filing Date :28/06/2013
(87) International Publication No :WO 2014/104507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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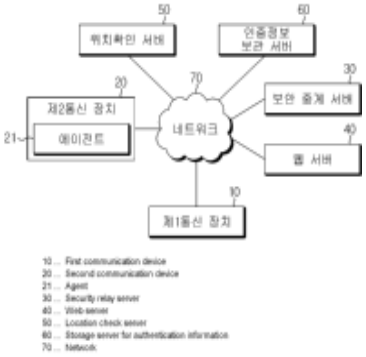
2)HWANG Jaeyeob

(57) Abstract :
The present invention relates to a system and method for secure login in which a plurality of devices is interlocked to progress user login and to an apparatus for same. The method for progressing secure login of a communication device that accesses a web site according to the present invention comprises the steps of: determining whether an authentication data providing device is located in the same place as the communication device; acquiring if it is determined that the authentication data providing device is located in the same place as the communication device authentication related data of the communication device; and enabling the authentication data providing device to provide the acquired authentication related data to the communication device or to the web site.



No. of Pages : 61 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2005/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTUATOR CAP FOR A FLUID DISPENSER

(51) International classification :B65D83/20
(31) Priority Document No :13154796.0
(32) Priority Date :11/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050667
Filing Date :15/01/2014
(87) International Publication No :WO 2014/121985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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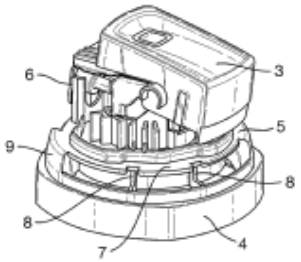
2)BILTON Simon Lewis
3)CAROEN Adrian Barclay
4)JONES Christopher John
5)KOUYOUMJIAN Garen

(57) Abstract :
A method and actuator cap for opening a valve stem on a pressurised aerosol container said method and actuator cap comprising the use of an actuator button that pivots about its front edge such that downward force on the rear edge of the actuation button causes an increased downward force on the valve stem the total downward force on the valve stem being at least 10 N characterised in that the downward force on the actuator button forces it downwards across its full length.

Fig. 2



No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2006/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VOLTAGE MODE DRIVER CIRCUIT FOR N PHASE SYSTEMS

(51) International classification :G06F13/40
(31) Priority Document No :61/774425
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021994
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILEY George Alan
3)SENGOKU Shoichiro

(57) Abstract :
System methods and apparatus are described that facilitate transmission of data particularly between two devices within electronic equipment. Transmission lines are selectively terminated in an N phase polarity encoded transmitter when the transmission lines would otherwise be undriven. Data is mapped to a sequence of symbols to be transmitted on a plurality of wires. The sequence of symbols is encoded in three signals. Each of the three terminals may be driven such that transistors are activated to couple a terminal to first and second voltage levels through a pair of impedances when the terminal would otherwise be undriven. The terminal is then pulled toward an intermediate voltage level while the terminal presents a desired impedance level to a transmission line.

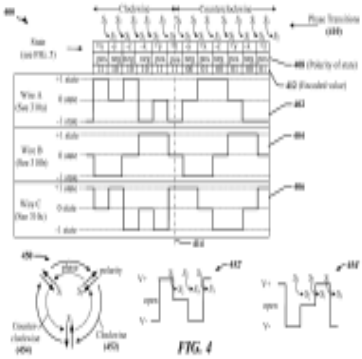

FIG. 4

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2007/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIMICROBIAL COMPOSITION COMPRISING A LACTAM AND A HYDROTROPE

(51) International classification	:A01N25/02,A01N25/30,A01N43/36
(31) Priority Document No	:13153600.5
(32) Priority Date	:01/02/2013
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2014/051731 :29/01/2014
(87) International Publication No	:WO 2014/118240
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)PARRY Neil James
2)OKEEFFE Joanne Clare
3)SMITH Christopher Francis

(57) Abstract :
Antimicrobial composition comprising a lactam and a hydrotrope.Antimicrobial additive composition containing a lactam and a hydrotrope.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015
(21) Application No.2048/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIERARCHICAL ORCHESTRATION OF DATA PROVIDERS FOR THE RETRIEVAL OF POINT OF INTEREST METADATA

(51) International classification :G06F7/00
(31) Priority Document No :13/801326
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019433
Filing Date :28/02/2014
(87) International Publication No :WO 2014/163971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MASATO Daniele
2)BERRY David T.
3)HECKFORD Andrew C.

(57) Abstract :
Various embodiments relate to systems methods apparatus and computer readable media for querying data providers in point of interest searches. In one particular embodiment a method is provided that includes identifying a plurality of data sources each having a data source priority the plurality of data sources comprising at least two of: a first reference source a first structured knowledge base and a first individual website. The plurality of data sources may then be queried for metadata associated with the POI search request wherein an order of the querying is based on the data source priority for each of the plurality of data sources; and at least one source quality measured for at least one of the plurality of data sources. In further embodiments a query order may be updated based on the measured source quality.

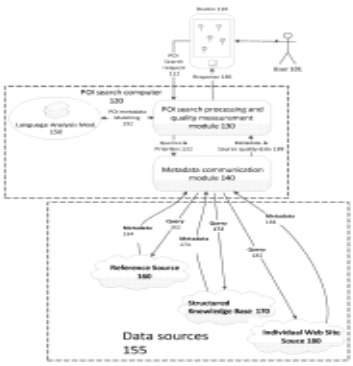

FIG. 1

No. of Pages : 51 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2049/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COLLABORATIVE INTELLIGENCE AND DECISION MAKING IN AN IOT DEVICE GROUP

(51) International classification :G06N7/02, H01J 23/00
(31) Priority Document No :61/769149
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018335
Filing Date :25/02/2014
(87) International Publication No :WO 2014/131015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GOEL Amit
2)SHUMAN Mohammed Ataur Rahman
3)GUPTA Binita
4)AGGARWAL Ashutosh
5)SHARMA Sandeep

(57) Abstract :
The disclosure relates to collaborative intelligence and decision making in an Internet of Things (IoT) device group. In particular various IoT devices in the group may be interdependent whereby a decision that one IoT device plans may impact other IoT devices in the group. Accordingly in response to an IoT device planning a certain decision (e.g. to transition state or initiate another action) the IoT devices in the group may collaborate using distributed intelligence prior to taking action on the planned decision. For example a recommendation request may be sent to other IoT devices in the group which may then analyze relationships within the group to assess potential impacts associated with the planned decision and respond to approve or disapprove the planned decision. Based on the responses received from the other IoT devices the IoT device may then determine whether to take action on the planned decision.

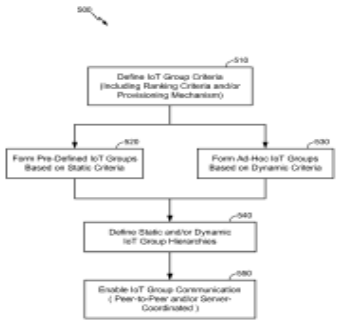

FIG. 5

No. of Pages : 56 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1908/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INPUT METHOD TERMINAL APPARATUS APPLYING INPUT METHOD AND COMPUTER READABLE STORAGE MEDIUM STORING PROGRAM PERFORMING THE SAME

(51) International classification :G06F3/02,G06F3/041,G06F3/03
(31) Priority Document No :1020120151153
(32) Priority Date :21/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/011749
Filing Date :17/12/2013
(87) International Publication No:WO 2014/098452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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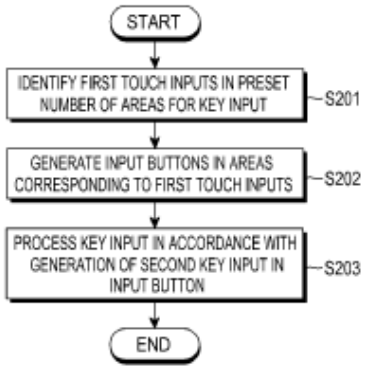
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)KIM Yu Na
2)LEE Sang Hyup

(57) Abstract :
An input method usable by a terminal including a touch screen display identifies first touch input locations on a touch screen. The first touch input locations comprise a predetermined number of concurrent multiple touches. A predetermined number of input buttons comprising a predetermined number of areas on the touch screen are associated with corresponding identified first touch input locations. A touch pattern is detected comprising a second touch input of one or more of the predetermined number of input buttons and an alphanumeric input corresponding to the detected touch pattern is processed.



No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2015

(21) Application No.1909/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSACTION SYSTEM AND METHOD PERFORMED BY USING PERIPHERAL DEVICE

(51) International classification	:G06Q20/32, G06F 17/00
(31) Priority Document No	:1020120151334
(32) Priority Date	:21/12/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/011797 :18/12/2013
(87) International Publication No	:WO 2014/098466
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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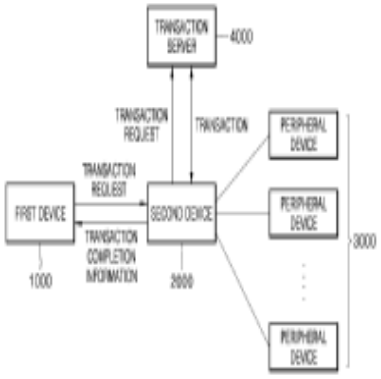
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)CHOI Woo jei

(57) Abstract :
A transaction system and method of performing a transaction by using a peripheral device are provided. The method includes receiving transaction information from an external device searching for a peripheral device when the transaction information is received and performing the transaction with a transaction server by using information received from the searched peripheral device and the transaction information.



No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2008/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS WITH IMPROVED AESTHETIC AND SENSORIAL PROPERTIES

(51) International classification :A61K8/46,A61Q5/02,A61K8/60
(31) Priority Document No :13153329.1
(32) Priority Date :30/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051452
Filing Date :24/01/2014
(87) International Publication No:WO 2014/118095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)STEVENSON Paul Simon

(57) Abstract :
A high foaming washing composition comprising (a) a surfactant combination comprising (i) a synthetic anionic surfactant; and (ii) a glycolipid biosurfactant which is present at a level of at least 25 % of the total surfactant in said surfactant combination and preferably one or more encapsulates comprising a sensorial benefit agent.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2009/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HANDS OFF DETECTION AND DEACTIVATION FOR HANDHELD USER DEVICES

(51) International classification	:H04M 1/00, H04W52/02
(31) Priority Document No	:13/797757
(32) Priority Date	:12/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/020849 :05/03/2014
(87) International Publication No	:WO 2014/158913
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :c/o International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SHEN Jian
2)YANG Tongzeng

(57) Abstract :
A user device having an active application periodically detects for a hands off state of the user device. Upon detecting a hands off state the user device affects at least one of the active application and the user device. Prior to affecting at least one of the active application and the user device the user device detects for one or more of a connection between the user device and another device and an application of pressure to the user device. If either is detected the the user device bypasses affecting at least one of the active application and the user device.

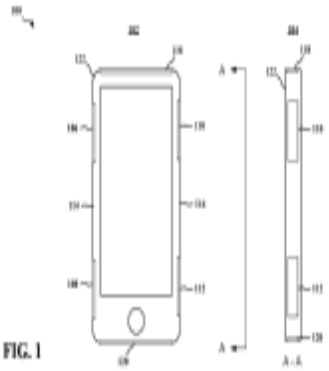


FIG. 1

No. of Pages : 21 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

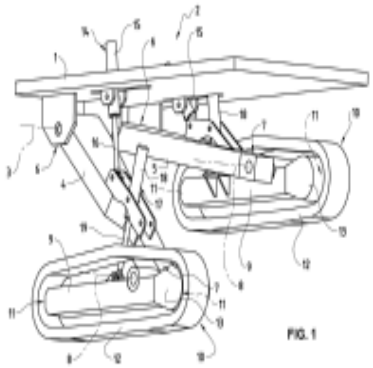
(21) Application No.2050/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VEHICLE

(51) International classification :B62D55/116,B62D55/084,B62D55/075
(31) Priority Document No :403/13
(32) Priority Date :05/02/2013
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2014/050933
Filing Date :17/01/2014
(87) International Publication No :WO 2014/121999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STUDER Eugen
Address of Applicant :Glnd 17 CH 3631 Hfen b. Thun Switzerland
(72)**Name of Inventor :**
1)STUDER Eugen

(57) Abstract :
The invention relates to a vehicle (2) comprising a chassis (1) on which at least one primary drive working equipment and control units can be arranged in a known manner and at least two running gears (10) fastened opposite each other laterally on the chassis (1) and aligned parallel to each other. Each running gear (10) has a carrier (9) on which running elements (12) are attached. There is at least one drivable drive unit (13) per running gear (10) by means of which at least one running element (12) can be driven. One end region (6) of a swing lever (4 5) is fastened on the chassis (1) in a swiveling manner around a first axis (3) for each running gear (10). The other end region (7) is jointed on the carrier (9) in a swiveling manner around a second axis (8). A first actuator (14) is attached between the chassis (1) and the swing lever (4 5) and a second actuator (17) is attached between the swing lever (4 5) and carrier (9) via which the running gears (10) can be moved to the widest range of positions.



No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2014/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHUTTER PANEL ASSEMBLY FOR ARCHITECTURAL OPENINGS

(51) International classification :E06B9/06,E06B7/08
(31) Priority Document No :2010210
(32) Priority Date :31/01/2013
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2014/050053
Filing Date :31/01/2014
(87) International Publication No :WO 2014/120009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILUX IP B.V.
Address of Applicant :Schouwrooij 18 NL 5281 RE Boxtel Netherlands
(72)**Name of Inventor :**
1)VAN LOOSBROEK Patrick Franciscus Johannes

(57) Abstract :
A shutter assembly (1) for architectural openings (3) includes a first rectangular panel (5) hinged to a perimeter (9) of the architectural opening (3) and a second panel (7) hinged to the first panel (5). Each of the first and second panels (5 7) comprises spaced parallel first and second vertical frame columns (17A 17B 19) and spaced parallel top and bottom horizontal frame beams (21 23) connecting upper longitudinal ends and lower longitudinal ends of the first and second vertical columns (17A 17B 9) defining a rectangular perimeter frame. First and second rectangular plates (27A 27B) are arranged within the rectangular frame in relative sliding arrangement. The first and second plates (27A 27B) each have a pattern of apertures (29 29A) complementary to one another to provide an open position in which the apertures (29 29A) of each plate (27A 27B) are in register with one another and a closed position in which areas without apertures of one of the first and second plates (27A 27B) are in register with apertures (29 29A) in another of the first and second plates (27A 27B). Indexing means (41 45 47) are operatively interposed between the first and second plates (27A 27B). The indexing means (41 45 47) are arranged to provide identical positions of adjustment of the first and second plates (27A 27B) between the open and closed positions in each of a plurality of shutter panels (5 7 5A 7A).

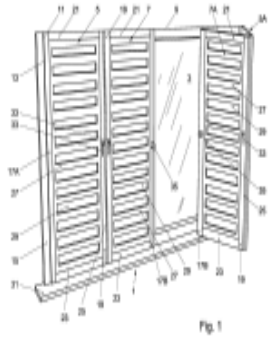


Fig. 1

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2045/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR MULTI SUBFRAME SCHEDULING

(51) International classification	:H04W72/12, H04L 5/00
(31) Priority Document No	:61/773626
(32) Priority Date	:06/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/014789 :05/02/2014
(87) International Publication No	:WO 2014/137525
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Wanshi
2)LUO Tao
3)GAAL Peter
4)DAMNJANOVIC Aleksandar

(57) Abstract :
Methods systems and devices are described for scheduling transmissions for multiple subframes in a single scheduling operation. Scheduling information is provided in a multi subframe scheduling information transmission for a set of subframes. Differences in characteristics for subframes under the multi subframe information are determined and one or more properties for communication during the one or more subframes may be adjusted based on subframe characteristics. Such multi subframe scheduling may allow for reduced overhead for scheduling uplink or downlink transmissions.

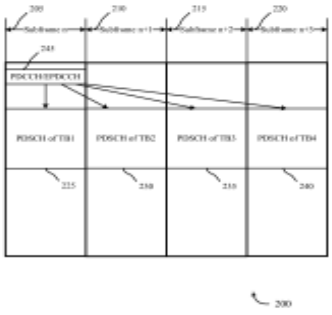

FIG. 2

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2047/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR REDUCING THE AMOUNT OF TIME AND COMPUTING RESOURCES THAT ARE REQUIRED TO PERFORM A HARDWARE TABLE WALK

(51) International classification :G06F12/10
(31) Priority Document No :13/785877
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020101
Filing Date :04/03/2014
(87) International Publication No :WO 2014/137970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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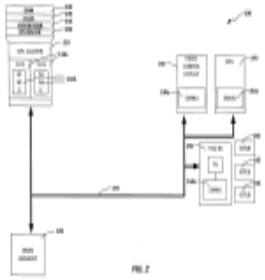
(72)**Name of Inventor :**
1)ZENG Thomas
2)TOUZNI Azzedine
3)TZENG Tzung Ren
4)BOSTLEY Phil J.

(57) Abstract :
A computer system and a method are provided that reduce the amount of time and computing resources that are required to perform a hardware table walk (HWTW) in the event that a translation lookaside buffer (TLB) miss occurs. If a TLB miss occurs when performing a stage 2 (S2) HWTW to find the physical address (PA) at which a stage 1 (SI) page table is stored the MMU uses the intermediate physical address (IPA) to predict the corresponding PA thereby avoiding the need to perform any of the S2 table lookups. This greatly reduces the number of lookups that need to be performed when performing these types of HWTW read transactions which greatly reduces processing overhead and performance penalties associated with performing these types of transactions.



No. of Pages : 26 No. of Claims : 24

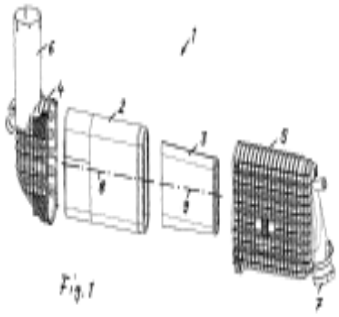
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015
(21) Application No.2012/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILTER DEVICE IN PARTICULAR AIR FILTER

(51) International classification :B01D46/00,B01D46/24
(31) Priority Document No :10 2013002057.3
(32) Priority Date :07/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050733
Filing Date :15/01/2014
(87) International Publication No :WO 2014/121990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MANN+HUMMEL GMBH
Address of Applicant :LC IP Hindenburgstr. 45 71638 Ludwigsburg Germany
(72)**Name of Inventor :**
1)NEEF Pascal
2)RIEGER Mario

(57) Abstract :
The invention relates to an air filter having an inner and outer filter element which can be inserted into each other. The outer filter element has a supporting frame which is the support of a filter medium of the filter element and the inner filter element is supported on the supporting frame of the outer filter element.



No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.2013/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING PASSCODE

(51) International classification :G06F21/60,G06F15/16
(31) Priority Document No :1020120152643
(32) Priority Date :24/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008425
Filing Date :17/09/2013
(87) International Publication No :WO 2014/104539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :201 38 Digital ro 29 gil Guro gu Seoul 152 779 Republic of Korea
(72)**Name of Inventor :**
1)YANG Giho
2)HWANG Jaeyeob

(57) Abstract :
The present invention relates to a method and apparatus for managing a passcode for safely protecting personal data of a user. The apparatus for managing a passcode according to the present invention comprises: one or more processors; a memory; and one or more programs stored in the memory and configured to be executed by said one or more processors. The program comprises: a storage module for storing passcode management data; an input window module for displaying the input window on which multiple key buttons are arranged; a combination code generating module for checking the code corresponding to each inputted key button in the code table included in the passcode management data when the key button is inputted via the input window and generating a combination code by combining each checked code; and a passcode acquiring module for receiving the passcode with a set storage address from a passcode storage server based on the generated combination code.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2053/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GENERATING A GEOFENCE VIA AN ANALYSIS OF A GPS FIX UTILIZATION DISTRIBUTION

(51) International classification :G01S19/42,G01S5/02,G08B21/02
(31) Priority Document No :13/786179
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015650
Filing Date :10/02/2014
(87) International Publication No :WO 2014/137547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)FINLOW BATES Keir

(57) Abstract :
Example methods apparatuses or articles of manufacture are disclosed herein that may be utilized in whole or in part to facilitate or support one or more operations or techniques for generating a geofence via an analysis of a GPS fix utilization distribution such as for use in or with a mobile communication device. Briefly in accordance with at least one implementation a method may include obtaining multiple position fixes of one or more objects over an area or volume; determining a clustering of the multiple position fixes in a portion of the area or volume; and inferring a geofence boundary bounding the portion of the area or volume based at least in part on the clustering of the multiple position fixes for example.

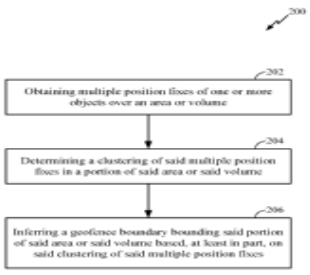


FIG. 2

No. of Pages : 53 No. of Claims : 42

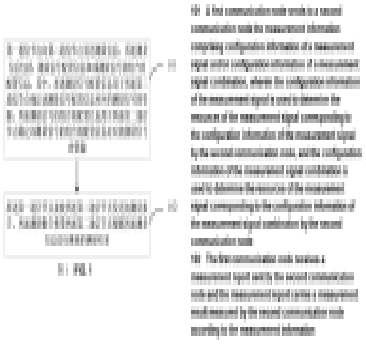
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015
(21) Application No.2054/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEASUREMENT METHOD CELL MEASUREMENT METHOD DEVICE AND COMMUNICATION NODES

(51) International classification	:H04W24/10, H04L 12/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2013/070730 :18/01/2013
(87) International Publication No	:WO 2014/110816
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)CHAI Li
2)SHI Jie
3)LIN Bo

(57) Abstract :
Disclosed are a measurement method a cell measurement method a device and communication nodes. The measurement method comprises: a first communication node sending to a second communication node the measurement information comprising configuration information of a measurement signal and/or configuration information of a measurement signal combination wherein the configuration information of the measurement signal is used to determine the resources of the measurement signal corresponding to the configuration information of the measurement signal by the second communication node and the configuration information of the measurement signal combination is used to determine the resources of the measurement signal corresponding to the configuration information of the measurement signal combination by the second communication node; and the first communication node receiving a measurement report sent by the second communication node and the measurement report carrying a measurement result measured by the second communication node according to the measurement information. The example of the present invention realizes the wireless link measurement after the introduction of non backward compatible cell or carrier.



No. of Pages : 116 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

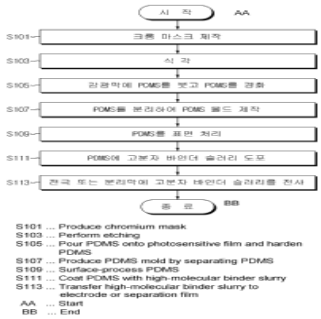
(21) Application No.1927/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR FORMING ADHESIVE LAYER FOR SECONDARY BATTERY

(51) International classification :H01M4/04,H01M2/14,H01M4/62
(31) Priority Document No :1020130133077
(32) Priority Date :04/11/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/010522
Filing Date :04/11/2014
(87) International Publication No :WO 2015/065159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LG CHEM LTD.
Address of Applicant :128 Yeoui daero Yeongdeungpo gu Seoul 150 721 Republic of Korea
(72)**Name of Inventor :**
1)YU Hyung Kyun
2)JIN Sun Mi
3)LEE Joo Sung

(57) Abstract :
The present invention improves transmissibility of lithium ions by minimizing the size of an adhesive layer interfering in the transmissibility of lithium ions between an electrode and a separation film thereby improving the quality of a secondary battery.



No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1928/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALUMINOSILICATE SAB 15 AS AN ADDITIVE FOR REDUCING THE TOXIC AND CARCINOGENIC COMPOUNDS PRESENT IN TOBACCO SMOKE

(51) International classification :A24B15/28
(31) Priority Document No :P201201266
(32) Priority Date :21/12/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070848
Filing Date :05/12/2013
(87) International Publication No :WO 2014/096486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GMEZ SIURANA Amparo
3)BELTR□N RICO Mara Isabel
4)MART□NEZ CASTELLANOS Isabel
5)BERENGUER MU'OZ Deseada

(57) Abstract :
The invention relates to the use of the aluminosilicate SAB 15 or the acidic or sodic forms thereof interchanged with Fe Na K Ca Ce Zr the oxides of Fe Na K Ca Ce Zr and mixtures of same as an additive for reducing the toxic and carcinogenic substances present in tobacco smoke.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1929/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HUMAN BODY GESTURE BASED REGION AND VOLUME SELECTION FOR HMD

(51) International classification :G06F3/01,G06T19/00
(31) Priority Document No :13/767820
(32) Priority Date :14/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015946
Filing Date :12/02/2014
(87) International Publication No :WO 2014/126966
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MACIOCCI Giuliano
3)TUNMER Michael L.
4)MABBUTT Paul

(57) Abstract :
Methods systems computer readable media and apparatuses for selecting an Augmented Reality (AR) object on a head mounted device (HMD) are presented. In some embodiments an HMD may define a Region of Interest (ROI) based on a gesture formed by at least one hand of a user. Subsequently the HMD may display to the user a shape on the HMD. In at least one arrangement the shape outlines the ROI. Additionally the HMD may display to the user a plurality of AR objects each of the plurality of AR objects being associated with a target inside the ROI. Furthermore the HMD may reduce the size of the ROI based on a first movement of the at least one hand of the user to form a reduced sized ROI. In at least one arrangement the reduced sized ROI is used to select a specific AR object from the plurality of AR objects.

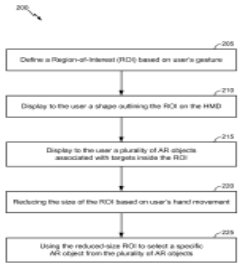

FIG. 2

No. of Pages : 42 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015
(21) Application No.2057/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRIED SPORE GERMINATIVE COMPOUND MIXTURES

(51) International classification :C12N1/00
(31) Priority Document No :61/849973
(32) Priority Date :06/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015076
Filing Date :06/02/2014
(87) International Publication No :WO 2014/124120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ENVERA LLC
Address of Applicant :220 Garfield Avenue West Chester PA 19380 U.S.A.
(72)**Name of Inventor :**
1)HASHMAN Tommie Eugene

(57) Abstract :
In one aspect the present invention is directed to a dried intimate mixture comprising a bacteria spore and a germinative compound and methods for preparing the intimate mixture. In another aspect this invention is directed to a composition comprising such an intimate mixture. The invention also relates to methods for increasing the germination growth metabolism and/or enzyme activity of a bacteria spore comprising preparing an intimate mixture of a bacteria spore and a germinative compound.

No. of Pages : 39 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2058/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL MACHINE

(51) International classification :H02K9/22,H02K11/00
(31) Priority Document No :BO2013A000063
(32) Priority Date :14/02/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058904
Filing Date :11/02/2014
(87) International Publication No :WO 2014/125412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPAL AUTOMOTIVE S.R.L.
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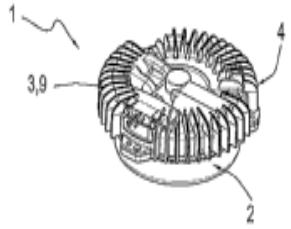
(72)**Name of Inventor :**
1)DE FILIPPIS Pietro

(57) Abstract :
A rotary electrical machine incorporating an electronic module (8) comprising a printed circuit (13) mounted with a plurality of surface mounted electronic components (11) and a plurality of pin through hole electronic components (12); the electrical machine comprises a dissipator (9) for dispersing the heat generated by the electronic module (8); the surface mounted electronic components (11) and the pin through hole electronic components (12) are mounted between the printed circuit (13) and the dissipator (9); the electronic module (8) also comprises a transferring element (19) also mounted between the printed circuit (13) and the dissipator (9) in thermal contact with at least one of the surface mounted electronic components (11); the transferring element (19) is designed to disperse the heat generated by the surface mounted electronic components (11) towards the dissipator (9) with the aid of a thermally conductive and electrically isolating filler material (24) inserted between the transferring element (19) and the dissipator (9).

FIG.1



No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1921/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION AND METHOD OF MAKING WATER BORNE EPOXY HARDENER FOR USE IN TWO COMPONENT EPOXY SELF LEVELLING COMPOUNDS WITH LONG POT LIFE FAST CURE AND LOW SHRINKAGE CHARACTERISTICS

(51) International classification :C08G59/18
(31) Priority Document No :13157483.2
(32) Priority Date :01/03/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/053683
Filing Date :26/02/2014
(87) International Publication No :WO 2014/131780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIKA TECHNOLOGY AG
Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland
(72)**Name of Inventor :**
1)LIU Shuyuan
2)CARTER Neil
3)MARTIN Ian
4)EVANS Craig

(57) Abstract :
The present invention is directed at water reducible curing agents for epoxy resins obtainable by reacting at least one diprimary amine at least one monoprimary amine and at least one polyepoxy compound wherein the molar ratio of the primary amino groups to the epoxy groups in the reaction is in the range of about 1.7:1 to 1:1 the ratio of the primary amines in the diprimary amine to secondary amines optionally present in the diprimary amine is more than 1:1 and the molecular weight (Mw) of the diprimary amine is 500 Daltons or less. These water reducible curing agents show excellent utility in combination with epoxy resins for self levelling applications and provide excellent finished properties such as high compressive strength low shrinkage high impact resistance and high wear resistance in comparison to the commercially available products.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1922/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRUSS CONFIGURATION

(51) International classification :E04C3/08,E04B1/18
(31) Priority Document No :61/739217
(32) Priority Date :19/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076399
Filing Date :19/12/2013
(87) International Publication No :WO 2014/100336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VANKER John Louis
2)LASTOWSKI Michael J.

(57) Abstract :
An implementation of a truss configuration disclosed herein includes a plurality of trusses each including a top chord a bottom chord a plurality of exterior braces and a plurality of interior braces wherein length of each of the plurality of exterior braces is substantially similar and wherein the angle between each of the exterior braces and the top chord is substantially similar. Furthermore length of each of the plurality of interior braces is substantially similar and wherein the angle between each of the alternate interior braces and the top chord is substantially similar.

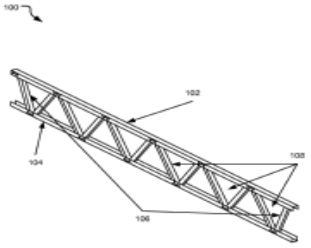

FIG. 1

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2015

(21) Application No.1923/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MAGNETIC DRIVE DEVICE

(51) International classification :B66B9/08,B66B11/04
(31) Priority Document No :MI2013A000088
(32) Priority Date :23/01/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058488
Filing Date :23/01/2014
(87) International Publication No :WO 2014/115096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZANOTTI Gianfausto

(57) Abstract :
Magnetic drive device characterised in that it comprises a driving element moving in a guide element and suitable to drive a driven element; the driven element is mobile along the guide element in accordance with the movement of the driving element; the driving element acting on the driven element by use of magnetic means and without direct physical contact. The magnetic drive action of the driving element is induced by means of the use of permanent magnets or of electromagnets which act on the driven element.

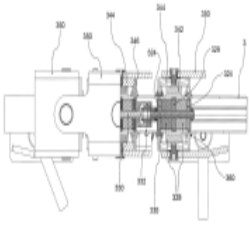

FIG.18

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2060/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR INSTALLING INLET PIPE AND METHOD FOR SUPPORTING INLET PIPE

(51) International classification :F01N13/18,F01N1/02
(31) Priority Document No :2013003707
(32) Priority Date :11/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/050338
Filing Date :10/01/2014
(87) International Publication No :WO 2014/109389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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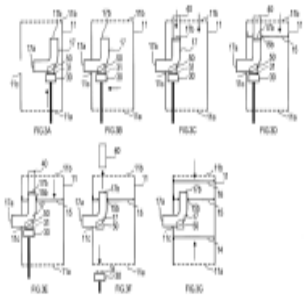
2)KANEKO Takamitsu
3)KAINUMA Katsuhiko
4)SUGIURA Masashi
5)SHIMIZU Noboru
6)WADA Masafumi
7)IZUMIKAWA Daisuke
8)KAWASUE Seigo
9)WATANABE Tetsufumi

(57) Abstract :
A method for installing an inlet pipe in a muffler which is provided with an outer shell the inlet pipe and separation plates wherein the method comprises: a first step for inserting the inlet pipe into the outer shell from one of the openings at opposite ends of the outer shell; a second step for installing within the outer shell the inlet pipe by moving the inlet pipe in the direction substantially perpendicular to the direction of insertion of the inlet pipe; and a third step for installing the separation plates within the outer shell by inserting the separation plates into the outer shell from the other opening of the outer shell.



No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1937/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD FOR PREDICTING THE RISK OF GETTING CANCER OR DIAGNOSING CANCER IN A SUBJECT

(51) International classification :G01N33/574
(31) Priority Document No :13150564.6
(32) Priority Date :08/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050144
Filing Date :07/01/2014
(87) International Publication No :WO 2014/108397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERGMANN Andreas

(57) Abstract :
Subject matter of the present invention is a method for predicting the risk of getting cancer in a subject that does not suffer from cancer or alternatively diagnosing cancer in a subject comprising: determining the level of Pro Tachykinin its splice variants or fragments thereof including Substance P and Neurokinin of at least 5 amino acids in a bodily fluid obtained from said subject; and correlating said level of Pro Tachykinin its splice variants or fragments thereof with a risk for getting cancer wherein a reduced level is predictive for an enhanced risk of getting cancer or alternatively diagnosing cancer wherein an reduced level is correlated with the diagnosis of cancer.

No. of Pages : 51 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1938/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEALED AND THERMALLY INSULATING WALL FOR A TANK FOR STORING FLUID

(51) International classification :B63B3/68,B65D90/02,F17C13/00
(31) Priority Document No :1351263
(32) Priority Date :14/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050169
Filing Date :30/01/2014
(87) International Publication No :WO 2014/125186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PHILIPPE Antoine
2)DELETRE Bruno
3)BOUGAULT Johan

(57) Abstract :
111The invention relates to a sealed and thermally insulating wall for a tank for storing fluid having: an insulating panel (1) having an inner face; and a sealing plate (7) having an inner face intended to be in contact with the fluid contained in the tank and an outer face anchored to the inner face of the panel (1) at a plurality of anchoring zones (14) said sealing plate (7) having at least one corrugation (8; 9) protruding from the side of the inner face of the sealing plate (7) extending in a direction d (x; y); wherein: the inner face of the insulating panel (1) has between two adjacent anchoring zones (14) that are disposed on either side of said corrugation (8; 9) a relaxation slot (15; 16) having an axis extending in the direction d (x y) so as to allow a deformation of the corrugation transversely to the direction d (x y); and the relaxation slot (15; 16) has a length less than the dimension of the insulating panel (1) along the axis of the relaxation slot (15; 16).

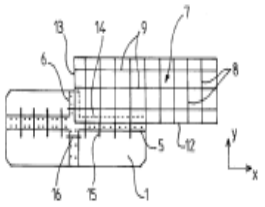

FIG.8

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015
(21) Application No.1939/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HOT ROLLED STEEL SHEET FOR PRODUCING NON ORIENTED ELECTRICAL STEEL SHEET AND METHOD OF PRODUCING SAME

(51) International classification :C22C38/00,B21B3/02,C21D8/12
(31) Priority Document No :2013033387
(32) Priority Date :22/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000200
Filing Date :16/01/2014
(87) International Publication No :WO 2014/129106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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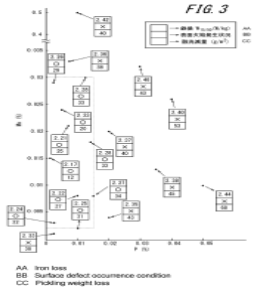
2)ZAIZEN Yoshiaki
3)NAKANISHI Tadashi
4)ODA Yoshihiko

(57) Abstract :
The pickling weight loss of a hot rolled steel sheet having a prescribed component composition is adjusted in accordance with the present invention to 10 to 35 g/m as determined after subjecting the hot rolled steel sheet to annealing at 1000ºC for 30 seconds in a nitrogen atmosphere and then immersion in a 7% HCl solution at 80ºC for 60 seconds whereby it is possible to obtain a hot rolled steel sheet which is for use in producing a non oriented electrical steel sheet and which not only has excellent magnetic characteristics such as iron loss and magnetic flux density but also has reduced steel sheet surface defects and an excellent manufacturing yield.



No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2071/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RESIN COMPOSITION

(51) International classification :C08L23/00,C08J3/22,C08K5/134
(31) Priority Document No :2013012184
(32) Priority Date :25/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078522
Filing Date :22/10/2013
(87) International Publication No :WO 2014/115385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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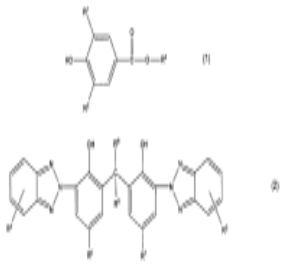
2)YAMAMOTO Naoki
3)YAMASHITA Kenji

(57) Abstract :
123456789Provided is a resin composition which does not undergo the occurrence of initial discoloration bleeding or blooming and has excellent weather resistance. A resin composition characterized by comprising (A) 100 parts by mass of an olefin resin (B) 0.05 to 0.3 part by mass of a hindered amine type light stabilizer (C) 0.05 to 0.3 part by mass of a benzoate type compound represented by general formula (1) and (D) 0.001 to 0.01 part by mass of a benzotriazole type ultraviolet ray absorber represented by general formula (2). (In general formula (1) R and R independently represent a hydrogen atom an alkyl group having 1 to 12 carbon atoms or the like; and R represents an alkyl group having 8 to 30 carbon atoms.) (In general formula (2) R and R independently represent a hydrogen atom or the like; R and R independently represent a hydrogen atom or an alkyl group having 1 to 18 carbon atoms; and R and R independently represent a hydrogen atom or an alkyl group having 1 to 4 carbon atoms.)



No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2015

(21) Application No.1846/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF ENCODING AND DECODING AUDIO SIGNAL AND APPARATUS FOR ENCODING AND DECODING AUDIO SIGNAL

(51) International classification	:G10L19/00,H03M7/30,H04N21/233
(31) Priority Document No	:1020120143833
(32) Priority Date	:11/12/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/011495 :11/12/2013
(87) International Publication No	:WO 2014/092460
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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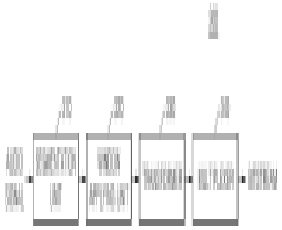
(72)**Name of Inventor :**
1)LEE Nam suk
2)KIM Hyun wook
3)MOON Han gil

(57) Abstract :
Exemplary embodiments may provide a method of encoding an audio signal. The method includes: segmenting the audio signal into a plurality of frames wherein each of the frames includes M samples and M is a natural number greater than one; applying a first window a second window and at least one third window to the frames wherein a length of the second window is longer than a length of the first window and a length of the third window is longer than the length of the first window and shorter than the length of the second window; time frequency transforming the frames to which the first window the second window and the at least one third window have been applied; and generating a bitstream including the time frequency transformed frames.



No. of Pages : 33 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1940/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A TREATMENT APPARATUS USING A STERILIZING SUBSTANCE FOR CLOSURES FOR CONTAINERS

(51) International classification :B67B3/00,A61L2/18,A61L2/20
(31) Priority Document No :PR2013A000016
(32) Priority Date :11/03/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058670
Filing Date :30/01/2014
(87) International Publication No :WO 2014/140948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ABELLI Paolo
2)CALLEGARI Fabio

(57) Abstract :
A treatment apparatus (1) using a sterilizing substance for closures (2) for containers comprising: a rotating unit (6); a plurality of longitudinal rails (7) able to house the closures (2) arranged by force of gravity the rails (7) being solidly connected to the rotating unit (6) and being arranged such as to follow a circumferential extension of the rotating unit (6); dispensing means (16) of the sterilizing substance a variable height support profile (15) located inferiorly of the rails (7) and also having a circumferential extension such as to support the lines (8) of closures (2)

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1941/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A TREATMENT APPARATUS USING A STERILIZING SUBSTANCE FOR CLOSURES FOR CONTAINERS

(51) International classification :B67B3/00,A61L2/18,A61L2/20
(31) Priority Document No :PR2013A000017
(32) Priority Date :11/03/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058675
Filing Date :30/01/2014
(87) International Publication No :WO 2014/140949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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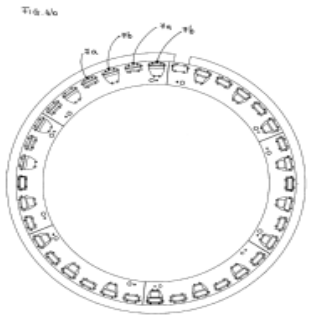
(72)**Name of Inventor :**
1)ABELLI Paolo
2)CALLEGARI Fabio

(57) Abstract :
A treatment apparatus (1) of closures (2 22) for containers using a sterilising substances comprising: a rotating unit (6); dispensing means (16) of the sterilising substance; at least two types of rails (7a 7b) longitudinal and parallel of which a first type of rails (7a) houses by force of gravity a first format of closures (2) and a second type of rails (7b) houses by force of gravity a second format of closures (22) the rails (7a 7b) being solidly constrained to the rotating unit (6) and being arranged in such a way as to follow a circumferential extension thereof.



No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015
(21) Application No.2069/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNCHRONOUS NETWORK DEVICE TIME TRANSFER FOR LOCATION DETERMINATION

(51) International classification :G01S19/05,G01S5/00
(31) Priority Document No :13/791864
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020047
Filing Date :04/03/2014
(87) International Publication No :WO 2014/137949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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(72)**Name of Inventor :**
1)SRIVASTAVA Aditya N.

(57) Abstract :
Examples disclosed herein relate to a method performed at a first mobile station that includes receiving a request for positioning assistance data from a second mobile station over a communication link; and transmitting one or more messages to the second mobile station in response to the request, wherein the one or more messages include the requested positioning assistance data, wherein the first mobile station is on a synchronous network.

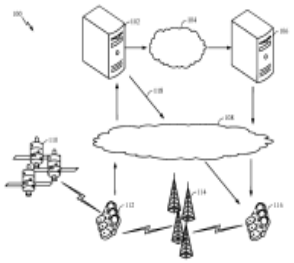

FIG. 1

No. of Pages : 42 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015
(21) Application No.2070/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTENT PROVISION DEVICE CONTENT PROVISION METHOD PROGRAM AND CONTENT PROVISION SYSTEM

(51) International classification :H04N21/238,H04N21/235
(31) Priority Document No :2013056759
(32) Priority Date :19/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/055928
Filing Date :07/03/2014
(87) International Publication No :WO 2014/148277
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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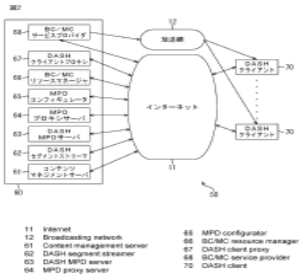
(72)**Name of Inventor :**
1)YAMAGISHI Yasuaki

(57) Abstract :
The present disclosure pertains to a content provision device content provision method program and content provision system that allow seamless switching when receiving and playing back a unicast transmission a multicast transmission or a broadcast transmission. This content provision device is provided with the following: an HTTP transmission unit that converts each segment of streaming data into a file and transmits the resulting segment files as a unicast; an RTP transmission unit that transmits the segment files as a multicast and/or broadcast; and a metafile generation unit that generates and provides to the reception side a metafile that indicates the chronological correspondence between the segment files transmitted as a unicast and the segment files transmitted as a multicast and/or broadcast. The present disclosure can be applied to a system that delivers content via streaming.



No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1961/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WASHING MACHINE HAVING MANUAL WASHING CONTAINER

(51) International classification :D06F37/26,D06F39/00
(31) Priority Document No :1020140022198
(32) Priority Date :25/02/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2015/000848
Filing Date :27/01/2015
(87) International Publication No :WO 2015/130015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KIM Jun Ho
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5)EUN Sung Yong
6)JUNG Goan Su
7)SHIN Young Sun
8)SHIGERI Mitsuhiro
9)KIM Hyun Mook

(57) Abstract :
A washing machine according to the present invention has an improved structure of rotation of a door assembly which comprises a door and an auxiliary washing unit that forms an auxiliary washing space thereby improving the washing efficiency and the product quality. In addition the door and the auxiliary washing unit are coupled by a locking unit such that when auxiliary washing is not needed the user can conveniently open/close the door assembly. The user can release the locking state of the locking unit and move the door and the auxiliary washing unit separately only when auxiliary washing is needed.

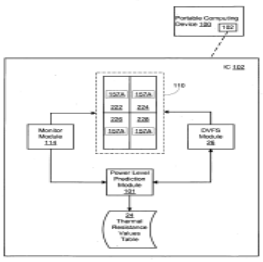

FIG. 1

No. of Pages : 112 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1962/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS AND METHOD FOR CONTROLLING DISPLAY APPARATUS THEREOF

(51) International classification :H04N21/4722,G06F3/048
(31) Priority Document No :1020120155216
(32) Priority Date :27/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012034
Filing Date :23/12/2013
(87) International Publication No :WO 2014/104686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM Jung geun
2)LEE Dong heon
3)JANG Sung hyun
4)KIM Jae kwon

(57) Abstract :
A display apparatus and a method for controlling a display apparatus thereof are provided. The method for controlling the display apparatus includes: receiving a mode start command from one of a plurality of input units to control a pointer; determining a type of an input unit through which the mode start command is input; and displaying the pointer on a display screen based on a result of the determining. Accordingly a user may perform the functions of the display apparatus more conveniently according to each input apparatus.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1963/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROGRAM AND ELECTRONIC MANUAL DISPLAY DEVICE

(51) International classification :G06F3/048
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/051582
Filing Date :25/01/2013
(87) International Publication No :WO 2014/115299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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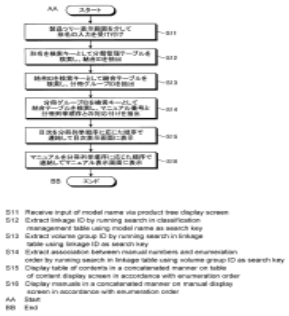
(57) Abstract :
In order to display the content the user wishes to view among a group of electronic manuals in a simple and easy-to-view manner, this electronic manual display device, upon receiving an input specifying a product from a user (step Sll), automatically specifies an electronic manual folder intended for describing the product (step S12 through step S14) and, when a multiple number of specified electronic folders are present, displays a manual display, which is based on manual structure data stored in the specified electronic manual folders, on a manual display screen (step S16).



No. of Pages : 84 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015
(21) Application No.2078/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIPLE SWATH STRIPMAP SAR IMAGING

(51) International classification :G01S13/90
(31) Priority Document No :TO2013A000108
(32) Priority Date :08/02/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058873
Filing Date :08/02/2014
(87) International Publication No :WO 2014/122625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CALABRESE Diego

(57) Abstract :
The present invention concerns a SAR imaging method which comprises performing N SAR acquisitions in stripmap mode of areas of the earth s surface by means of a synthetic aperture radar that is transported by an aerial or satellite platform (30) and which comprises a single non partitioned antenna and a single receiver coupled to said single non partitioned antenna N being an integer greater than one. Each SAR acquisition in stripmap mode is performed using a respective squint angle with respect to the flight direction of the synthetic aperture radar said respective squint angle being equal to or different from the squint angles used for performing the other N 1 SAR acquisitions in stripmap mode. Each SAR acquisition in stripmap mode is performed using a respective elevation angle with respect to the nadir of the synthetic aperture radar said respective elevation angle being different from the elevation angles used for performing the other N 1 SAR acquisitions in stripmap mode thereby resulting in that each SAR acquisition in stripmap mode is related to a respective swath of the earth s surface which is different from the swaths observed via the other N 1 SAR acquisitions in stripmap mode. Each performed SAR acquisition in stripmap mode comprises respective radar transmission and reception operations that are time interleaved individually or in groups with single or groups of radar transmission and reception operations of the other N 1 SAR acquisitions in stripmap mode performed and which comprise the transmission and reception of respective radar beams in respective acquisition directions that are defined by the respective squint angle and by the respective elevation angle used for said SAR acquisition in stripmap mode thereby resulting in that said respective acquisition directions are parallel to each other and not parallel to the acquisition directions of the other N 1 SAR acquisitions in stripmap mode performed. The method further comprises generating on the basis of each SAR acquisition in stripmap mode performed SAR images of areas of the respective swath observed via said SAR acquisition in stripmap mode. All the SAR images generated have one and the same azimuth resolution that is equal to half the physical or equivalent length along the azimuth direction of the single non partitioned antenna of the synthetic aperture radar.

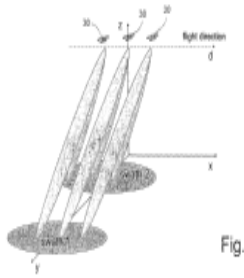

Fig.4

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2015
(21) Application No.1943/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTAINER FOR THE DELIVERY AND DISTRIBUTION OF THE LURE OR FOOD OR PHARMACEUTICAL SUBSTANCE FOR FISH OR FOR THE DISSOLUTION OF THE SUBSTANCE IN THE AQUATIC ENVIRONMENT

(51) International classification :A01K85/01,A01K91/06,A01K97/02
(31) Priority Document No :a 2012 14584
(32) Priority Date :19/12/2012
(33) Name of priority country :Ukraine
(86) International Application No :PCT/UA2012/000120
Filing Date :28/12/2012
(87) International Publication No :WO 2014/055051
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KORUNSKY Vadim

(57) Abstract :
The Karpela cont container for the delivery and distribution of the lure or food or pharmaceutical substance for fish or for the dissolution of the substance in the aquatic environment comprises a casing made of water resistant predominantly polymeric material which consists of at least two parts (1) connected with one another by split connection creating an internal cavity. Each part has at least two holes or groups of holes (7). The holes are located on the opposite surfaces of the casing moreover the total area of holes makes up from 5% to 50% of the total area of the container s surface. Using the structural and other features of the Karpela cont container the delivery and distribution of the lure or food or the pharmaceutical substance for fish or the substance to be dissolved in the aquatic environment is ensured simultaneously securing the protracted release of the above container s contents into the aquatic environment augmenting the universality and ease of use of the container as well as increasing the manufacturability of the container with the above mentioned features.

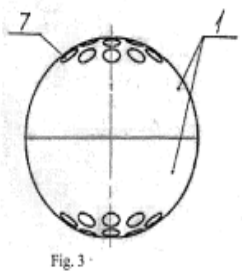

Fig. 3

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2080/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESTROGEN RECEPTOR INHIBITORS

(51) International classification :A61K39/00
(31) Priority Document No :61/754292
(32) Priority Date :18/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012405
Filing Date :21/01/2014
(87) International Publication No :WO 2014/113820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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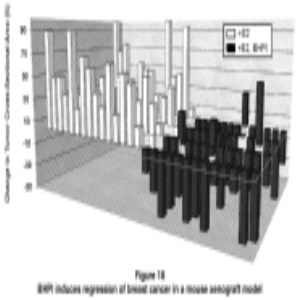
8)ZHENG Xiaobin

(57) Abstract :
A method of treating ERa positive cancer comprising administering to a patient in need thereof an effective amount of a small molecule inhibitor or a pharmaceutically acceptable salt thereof wherein the small molecule inhibitor acts through estrogen receptor a and activates one or more of the three arms of the unfolded protein response pathway (UPR) is provided.



No. of Pages : 135 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2081/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FESTOON DEVICE

(51) International classification :B65H59/36,B65H51/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/053723
Filing Date :15/02/2013
(87) International Publication No :WO 2014/125625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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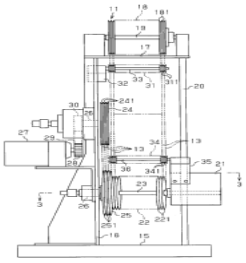
(57) Abstract :
A festoon device (11) comprises a frame (16) that extends in the vertical direction an upper pulley (18) that is rotatably supported in the upper portion of the frame (16) and a lower pulley (22) that is supported so as to be able to rotate and selectively raised or lowered in the frame (16) under the upper pulley (18). A pair of auxiliary pulleys (24 25) that are disposed in a location nearer the frame (16) than the upper pulley (18) or lower pulley (22) are rotatably supported in the frame (16). The festoon device (11) is configured so that a wire (13) goes around the circumferences of the upper pulley (18) and the lower pulley (22) after going around the circumferences of the pair of auxiliary pulleys (24 25).



No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2082/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETECTION OF A GESTURE PERFORMED WITH AT LEAST TWO CONTROL OBJECTS

(51) International classification :G06F3/01,G06F3/03,G06F3/0485
(31) Priority Document No :13/840974
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024080
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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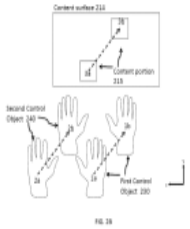
2)WARD Jonathan D.
3)CHRISTIANSEN Nadine B.

(57) Abstract :
Methods systems computer readable media and apparatuses for implementation of a contactless panning gesture are disclosed. In some embodiments a remote detection device detects synchronized motion of at least two control objects across a control plane. An attached computing device may then adjust a current position of a displayed content in response to detection of the synchronized motion. In certain embodiments a threshold for variation in the movement of the control objects may be established to determine when to terminate a panning mode. The threshold may vary based on the velocity of the control objects.



No. of Pages : 61 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2087/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SHARING DECODING TIME ACROSS TRANSPORT BLOCKS

(51) International classification :H04L1/00
(31) Priority Document No :13/795830
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020833
Filing Date :05/03/2014
(87) International Publication No :WO 2014/164147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SMEE John Edward
3)MCCLOUD Michael Lee

(57) Abstract :
Techniques for efficiently decoding data at a receiver are disclosed. In one aspect total available decoding time of the receiver is initially allocated to a plurality of code blocks of a plurality of transport blocks to obtain initial allocated decoding times for the plurality of code blocks. The initial allocated decoding time for each code block may be given by a particular number of decoding iterations to perform for that code block. One or more code blocks of one or more transport blocks are decoded. After decoding the one or more code blocks a remaining available decoding time is determined and reallocated to undecoded code blocks of the plurality of transport blocks to obtain updated allocated decoding times for the undecoded code blocks. The remaining available decoding time may be reallocated across code blocks of a transport block across transport blocks across carriers across radio access technologies or a combination thereof.

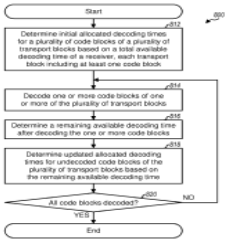

FIG. 8

No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2088/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR DISPLAYING IMAGES ON A HEAD MOUNTED DISPLAY

(51) International classification :G02B27/01,H04N13/02
(31) Priority Document No :13/833019
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026118
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MACIOCCI Giuliano

(57) Abstract :
System and methods are disclosed to selectively project individual UI elements of display images from stereoscopic HMDs as monocular or stereoscopic images. An UI element may be tagged for rendering as a monocular image or as stereoscopic images with a stereo separation to create a perception of depth. Tagging of UI elements as monocular images or stereoscopic images may be based on whether the UI elements are persistent elements. Persistent elements present information to the user but do not require the users focused attention. Persistent elements may be rendered as monocular images to allow the user to focus on other UI elements or on the real world while maintaining awareness of information presented by the persistent elements. In contrast non persistent UI elements may require the users focused attention. Nonpersistent UI elements may be rendered as stereoscopic images for projection at a specific depth plane to invite the users focus.

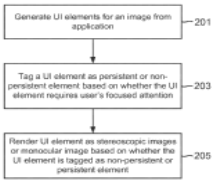

FIG. 2A
Flowchart for tagging and rendering User Interface (UI) elements

No. of Pages : 36 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2089/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AIR AND GAS DOUBLE HEAT ACCUMULATION COMBUSTION DEVICE

(51) International classification :F23D14/66
(31) Priority Document No :201310004592.X
(32) Priority Date :07/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081379
Filing Date :13/08/2013
(87) International Publication No :WO 2014/106383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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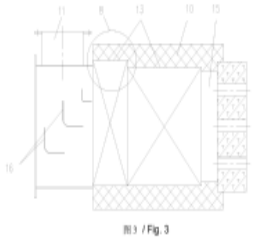
(72)**Name of Inventor :**
1)CHEN Wan
2)ZHANG Daoming
3)YONG Haiquan
4)CHENG Qibo

(57) Abstract :
Disclosed is an air and gas double heat accumulation combustion device comprising an air heat accumulation box body (10) and a gas heat accumulation box body (20) wherein an air inlet (11) and an air nozzle brick (12) are arranged on the air heat accumulation box body (10) and a gas inlet (21) and a gas nozzle brick (22) are arranged on the gas heat accumulation box body (20); at least two sections of air heat accumulation cavities (13) are arranged in the air heat accumulation box body (10) and in two adjacent sections of air heat accumulation cavities (13) the cavity top of the air heat accumulation cavity (13) close to the side of the air inlet (11) is higher/lower than that of the air heat accumulation cavity (13) close to the side of the air nozzle brick (12) and each section of air heat accumulation cavity (13) is provided with a heat accumulator (1) therein; and at least two sections of gas heat accumulation cavities (23) are arranged in the gas heat accumulation box body (20) and in two adjacent sections of gas heat accumulation cavities (23) the cavity top of the gas heat accumulation cavity (23) close to the side of the gas inlet (21) is higher/lower than that of the gas heat accumulation cavity (23) close to the side of the gas nozzle brick (22) and each section of gas heat accumulation cavity (23) is provided with a heat accumulator (1) therein. In the case that the heat accumulators (1) contract or are locally damaged the short circuit of gas flow can be prevented the heat accumulation capability of the heat accumulators (1) can be maintained and the service life can be prolonged.



No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1958/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING A MACHINING AXIS

(51) International classification :G01M1/14,G01M1/30,G01B11/24
(31) Priority Document No :10 2013 100 899.2
(32) Priority Date :29/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/051488
Filing Date :27/01/2014
(87) International Publication No :WO 2014/118115
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCHENCK ROTEC GMBH
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(72)**Name of Inventor :**
1)ROGALLA Martin

(57) Abstract :
In order to determine the machining axis of a rotatable workpiece blank a reference workpiece which has bearing surfaces concentric to its imbalance reference axis and subsequently a workpiece blank are received in a measurement device (10) and as yet unmachined surface regions of the reference workpiece and of the workpiece blank are measured by means of a sensor device (36) and the measured position data are stored by a computer (40) as a reference partial surface and a blank partial surface in a data storage means (41). The computer (40) calculates deviations between the blank partial surface and the reference partial surface and from these an imbalance effect which is expressed by the position of the main axis of inertia of a given workpiece. The machining axis is calculated by adding an offset to the position of the main axis of inertia which offset has been empirically determined with the aid of the actual imbalances of previously produced workpieces measured relative to the machining axis.

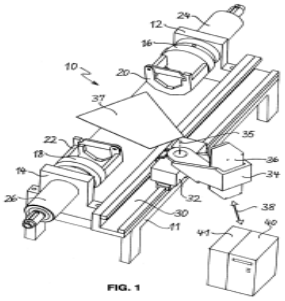

FIG. 1

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2090/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE DEVICE POSITIONING RESPONSIVE TO EXTERNALLY GENERATED REGIONAL CANDIDATE POSITION FIX MODE SELECTION

(51) International classification :G01S19/46,G01S5/02,G01S19/48
(31) Priority Document No :13/797471
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022218
Filing Date :10/03/2014
(87) International Publication No :WO 2014/164384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VENKATRAMAN Sai Pradeep
2)GAO Weihua
3)WERNER Benjamin A.
4)ZHANG Gengsheng

(57) Abstract :
Various methods, apparatuses and/or articles of manufacture are provided which may be implemented for use by a mobile device to affect at least one positioning function based, at least in part, on a recommended candidate position fix mode received from another electronic device for use in a particular region of an environment. For example, a mobile device may obtain assistance data indicative of a candidate position fix mode for a partial region of an environment navigable by the mobile device, and in response to a determination that the mobile device is estimated to be located within a threshold proximity of the partial region, affect a wireless signal-based positioning function based, at least in part, on the candidate position fix mode.

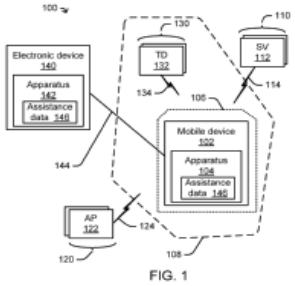

FIG. 1

No. of Pages : 55 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2091/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FEED FORWARD FREQUENCY CONTROL METHOD FOR CURRENT MODE HYSTERETIC BUCK REGULATOR

(51) International classification :H02M3/156
(31) Priority Document No :13/791868
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020424
Filing Date :04/03/2014
(87) International Publication No :WO 2014/138130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :c/o International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)MUKHERJEE Sugato

(57) Abstract :
A hysteresis generator provides a hysteresis parameter V_hyst to a hysteresis comparator of a voltage regulator. The hysteresis parameter V_hyst is a function of circuit components of the hysteresis generator a voltage output Vout of the regulator a voltage input Vin of the regulator and a signal that drives one of a plurality of switches of the regulator. A switch driver drives the switches based on the hysteresis parameter. One or more of the circuit components of the hysteresis generator that provide the hysteresis parameter also define a hysteresis time period T_ hyst. The hysteresis time period T_ hyst defines in combination with a delay time period T_Td of the regulator a switching time period T for the regulator that is substantially constant.

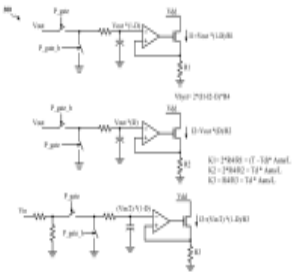

FIG. 3

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2092/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED IN TRANSIT DETECTION USING LOW COMPLEXITY ALGORITHM FUSION AND PHONE STATE HEURISTICS

(51) International classification	:H04M 1/00,H04W4/02, G01F 1/00
(31) Priority Document No	:13/839483
(32) Priority Date	:15/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/023085 :11/03/2014
(87) International Publication No	:WO 2014/150372
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LEE Jin Won
2)SADASIVAM Shankar
3)AHUJA Disha
4)PUIG Carlos M.

(57) Abstract :
System and methods are disclosed to use information available on the state of mobile devices in a heuristics based approach to improve motion state detection. In one or more embodiments information on the WiFi connectivity of mobile de vices may be used to improve the detection of the in transit state. The WiFi connectivity information may be used with sensor signal such as accelerometer signals in a motion classifier to reduce the false positives of the in transit state. In one or more embodiments information that a mobile device is connected to a WiFi access point (AP) may be used as heuristics to reduce the probability of falsely classifying the mobile device in the in transit state when mobile device is actually in the hand of a relatively stationary user. Information on the battery charging state or (he wireless connectivity of the mobile devices may also be used to improve the detection of in transit state.

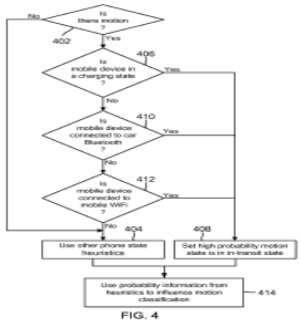

FIG. 4

No. of Pages : 44 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015

(21) Application No.1972/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A VERTICAL COUPLING TRANSFORMER WITH AN AIR GAP STRUCTURE

(51) International classification	:H01F27/28,H01F41/04,H01L23/522
(31) Priority Document No	:13/778191
(32) Priority Date	:27/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/016707 :17/02/2014
(87) International Publication No	:WO 2014/133808
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LAN Je Hsiung
2)LO Chi Shun
3)KIM Jonghae
4)HONG John H.

(57) Abstract :
In a particular embodiment a device includes a low loss substrate a first inductor structure and an air gap. The first inductor structure is between the low loss substrate and a second inductor structure. The first inductor structure is aligned with the second inductor structure to form a transformer. The air gap is between the first inductor structure and the second inductor structure.

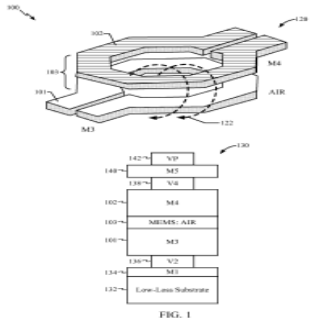

FIG. 1

No. of Pages : 52 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015

(21) Application No.1973/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SMALL CELL EVOLVED MULTIMEDIA BROADCAST MULTICAST SERVICE

(51) International classification :H04W52/24, H04L 12/00
(31) Priority Document No :61/771726
(32) Priority Date :01/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019642
Filing Date :28/02/2014
(87) International Publication No :WO 2014/134560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ZHANG Xiaoxia
2)WANG Jun
3)MALLADI Durga Prasad
4)WEI Yongbin

(57) Abstract :
A method by a small cell for wireless communication may include receiving by the small cell a wireless Multicast Broadcast Single Frequency Network (MBSFN) signal from a macro cell wherein the small cell is characterized by having a transmit power substantially less than each macro cell in a wireless communication network with the small cell. The method may further include obtaining by the small cell a measurement value of the MBSFN signal within a radio range of the small cell. The method may further include acting by the small cell based on the measurement value. The small cell may be or may include at least one of a pico cell a femto cell or a home evolved Node B (HeNB).

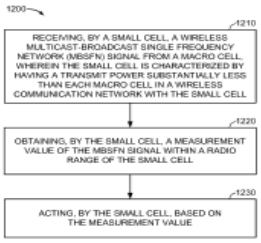

FIG. 12

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2097/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING RE TRANSMISSION OF RECONFIGURATION MESSAGES

(51) International classification :H04L1/18,H04W56/00
(31) Priority Document No :61/778980
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068103
Filing Date :01/11/2013
(87) International Publication No :WO 2014/143196
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHEIK Ansah Ahmed
2)HSU Liangchi
3)KRISHNAMOORTHY Sathish

(57) Abstract :
The present disclosure presents an improved method and apparatus for re transmission of reconfiguration messages. For example the disclosure presents a method for detecting that a reconfiguration complete message is transmitted from a user equipment (UE) to a network and initiating a reconfiguration re transmission timer upon the detection. In addition such an example method may include determining that the UE has not received a layer two acknowledgement (L2 ACK) message for the transmitted reconfiguration complete message from the network prior to expiration of the reconfiguration re transmission timer and triggering a cell update message to the network in response to the determination that the UE has not received the L2 ACK message. As such improved re transmission of reconfiguration messages may be achieved.

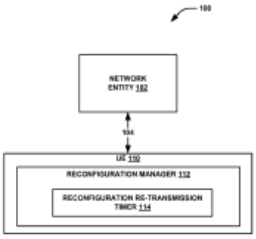

FIG. 1

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2098/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACCESS POINT SELECTION FOR ASSISTANCE DATA GENERATION

(51) International classification :H04W64/00,G01S5/02,H04W48/20
(31) Priority Document No :13/834894
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024079
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAS Saumitra Mohan
2)MIRZAEI Faraz Mohammad
3)SRIDHARA Vinay

(57) Abstract :
Methods systems computer readable media and apparatuses selecting access points and generating assistance data for access points is provided. In one embodiment a plurality of access points in a first area are identified (S410) a location assistance quality value with each access point of the plurality of access points is associated with each access point and a subset of the plurality of access points is selected (S414) based on the location assistance quality value of each access point of the plurality of access points. Assistance data is then generated for the selected access points (S416).

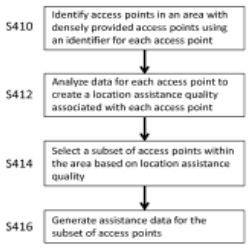

Figure 4

No. of Pages : 40 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1950/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESTABLISHING GROUPS OF INTERNET OF THINGS (IOT) DEVICES AND ENABLING COMMUNICATION AMONG THE GROUPS OF IOT DEVICES

(51) International classification :H04L12/28,H04L29/08,H04W4/00
(31) Priority Document No :61/769150
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018412
Filing Date :25/02/2014
(87) International Publication No :WO 2014/131038
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SHUMAN Mohammed Ataur Rahman
2)GOEL Amit
3)SHARMA Sandeep
4)GUPTA Binita
5)AGGARWAL Ashutosh
6)GUEDALIA Isaac David
7)CHANDHOK Ravinder Paul
8)GUEDALIA Jacob

(57) Abstract :
The disclosure generally relates to enabling communication among one or more Internet of Things (IoT) device groups. In particular various heterogeneous IoT devices that may need to interact with one another in different ways may be organized into IoT device groups to support efficient interaction among the IoT devices. For example pre defined IoT device groups may be formed organize certain IoT devices that perform similar activities and certain IoT devices may be dynamically allocated to ad hoc IoT device groups for certain contexts (e.g. the ad hoc IoT device groups may include IoT devices that can implement a desired function and therefore be dynamically formed to implement the desired function). Furthermore the IoT groups may communicate hierarchically wherein messages may be exchanged among IoT group owners or ranking members to support efficient communication between different IoT groups.

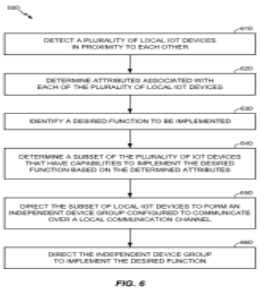

FIG. 6

No. of Pages : 58 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2083/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICES AND METHODS FOR FACILITATING H RNTI UPDATES IN NETWORK INITIATED CELL REDIRECTION

(51) International classification :H04W48/20, H04L 29/00
(31) Priority Document No :61/775266
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015842
Filing Date :11/02/2014
(87) International Publication No :WO 2014/137555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)SHEIK Ansah Ahmed
2)BILLA Dinesh
3)SHI Yongsheng

(57) Abstract :
Access terminals are adapted to facilitate updating an access terminal with a valid H RNTI in response to a network initiated redirection of an access terminal from a serving cell to a target cell in a wireless communications system. According to at least one example an access terminal can acquire a target cell in response to a networkinitiated redirection indicated by a received redirection message. A determination can be made that a current radio network temporary identity (RNTI) associated with the access terminal is invalid for use in the target cell. In response to the determination that the RNTI is invalid for use in the target cell a cell update procedure may be initiated to obtain a valid RNTI for use in the target cell. Other aspects embodiments and features are also included.

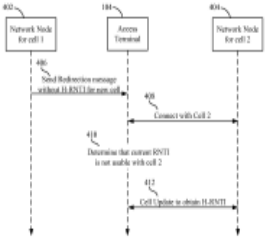


FIG. 4

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2084/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONFIGURABLE MULTICORE NETWORK PROCESSOR

(51) International classification	:H04L12/861,H04L12/933,G06F9/38
(31) Priority Document No	:13/797838
(32) Priority Date	:12/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/023395 :11/03/2014
(87) International Publication No	:WO 2014/164752
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :c/o International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TU Yifeng

(57) Abstract :
A network processor includes a plurality of processing cores configured to process data packets and a processing mode mechanism configurable to configure the processing cores between a pipeline processing mode and a parallel processing mode. The processing mode mechanism may include switch elements or a fabric logic and a bus configurable to interconnect the processing cores to operate in either the pipeline processing mode or the parallel processing mode.

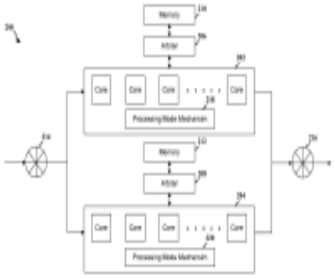


FIG. 2

No. of Pages : 28 No. of Claims : 27

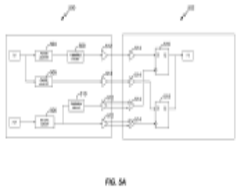
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2085/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEMORY INTERFACE OFFSET SIGNALING

(51) International classification :G06F13/16,G06F13/42,H03K19/003
(31) Priority Document No :13/842515
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026146
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 U.S.A.
(72)**Name of Inventor :**
1)PANDEY Shree Krishna
2)CHUN Dexter T.

(57) Abstract :
A memory interface includes circuitry configured for applying a variable delay to a portion of a data signal and applying a variable delay to a data strobe. The delayed data strobe samples the delayed portion of the data signal. Delayed portions of the data signal are spaced away from non delayed portions of the data signal by alternating the routing of delayed bits and non delayed bits of the data signal. A training block determines and sets a value of the variable delay corresponding to a largest value of a number of recorded eye aperture widths.



No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2015
(21) Application No.1876/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EASY TO CLEAN GLASS COMPRISING AN OUTER LAYER CONTAINING ZINC AND TIN OXIDE

(51) International classification :C03C17/245,C03C17/34
(31) Priority Document No :1450773
(32) Priority Date :31/01/2014
(33) Name of priority country :France
(86) International Application No :PCT/FR2015/050222
Filing Date :30/01/2015
(87) International Publication No :WO 2015/114274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAINT GOBAIN GLASS FRANCE
Address of Applicant :18 avenue dAlsace F 92400 Courbevoie France
(72)**Name of Inventor :**
1)CLABAU Frdric

(57) Abstract :
The invention relates to a glazing for a wet environment, comprising a glass substrate coated on at least one portion of its surface with an oxide layer, said layer being a single layer or the last layer of a stack of layers of dielectric materials, wherein said layer is a tin zinc oxide.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015

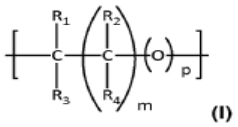
(21) Application No.1968/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI FOULING COMPOSITIONS WITH A FLUORINATED OXYALKYLENE CONTAINING POLYMER OR OLIGOMER

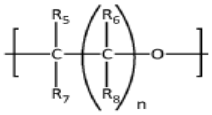
(51) International classification	:C09D183/04,C09D5/16,C09D171/00
(31) Priority Document No	:13156771.1
(32) Priority Date	:26/02/2013
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2014/053379 :21/02/2014
(87) International Publication No	:WO 2014/131695
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AKZO NOBEL COATINGS INTERNATIONAL B.V.
Address of Applicant :Velperweg 76 NL 6824 BM Arnhem Netherlands
(72)**Name of Inventor :**
1)REYNOLDS Kevin John
2)TYSON Brent Vickers

(57) Abstract :
1234 5678 116An anti fouling composition which comprises a curable polymer and a fluorinated oxyalkylene containing polymer or oligomer wherein the fluorinated oxyalkylene containing polymer or oligomer comprises: (a) one or more fluorinated moiety of the formula (I): wherein if there is more than one fluorinated moiety the fluorinated moiety may be the same or different p can be independently 0 or 1 m can be independently an integer from 0 to 6 and R R R and Rcan be independently H; F; Cl; Br; a linear branched or cyclic alkyl group having 1 to 16 carbon atoms optionally substituted with F; or a linear branched or cyclic alkyloxyalkane group having 1 to 16 carbon 1 atoms optionally substituted with F; and: (b) an average of from 4.0 to 100.0 oxyalkylene moieties per polymer or oligomer of the formula (II): wherein if there is more than one oxyalkylene moiety the oxyalkylene moietymay be the same or different ncan be independently an integer from 0 to 4 and R R R and Rcan be independently H or a linear branched or cyclic C C alkyl group.



(I)



(II)

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015

(21) Application No.1969/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR MAKING HIGHLY CRYSTALLINE SHAPED PART FROM PET OR PEN

(51) International classification :B29C43/00,C08L67/02,B29K67/00
(31) Priority Document No :13000493.0
(32) Priority Date :31/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051817
Filing Date :30/01/2014
(87) International Publication No :WO 2014/118285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :P.O. Box 5101 Riyadh 11422 Saudi Arabia
(72)**Name of Inventor :**
1)BASHIR Zahir

(57) Abstract :
The present invention relates to a process for making a shaped part from a polymer selected from polyethylene terephthalate (PET) and polyethylene terephthalate (PET) and polyethylene naphthalate (PEN) by using a compacting tool comprising a die having a cavity and a punch having an outer surface corresponding to the cavity. The process comprises the steps of: a) placing particles of the polymer in the cavity of the die heated to a compaction temperature wherein the polymer has an intrinsic viscosity of at least 0.45 dL/g and the particles have an average particle size of 0.5 4000 µm b) pressing the particles in the die cavity at a pressure of at least 3 MPa while maintaining the temperature of the die at the compaction temperature and c) removing the shaped part from the die cavity. When the polymer is PET the compaction temperature is 235 259 °C. When the polymer is PEN the compaction temperature is 250 275 °C.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

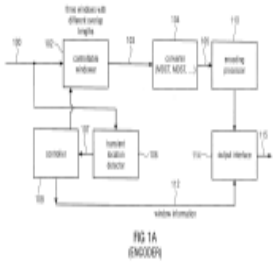
(21) Application No.2101/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR GENERATING AN ENCODED SIGNAL OR FOR DECODING AN ENCODED AUDIO SIGNAL USING A MULTI OVERLAP PORTION

(51) International classification :G10L19/025
(31) Priority Document No :61/767115
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/053287
Filing Date :20/02/2014
(87) International Publication No :WO 2014/128194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FRAUNHOFER GESELLSCHAFT ZUR F–RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Address of Applicant :Hansastrae 27c 80686 M¼nchen Germany
(72)**Name of Inventor :**
1)HELMRICH Christian
2)LECOMTE Jrmie
3)MARKOVIC Goran
4)SCHNELL Markus
5)EDLER Bernd

(57) Abstract :
An apparatus for generating an encoded signal comprises: a window sequence controller (808) for generating a window sequence information (809) for windowing an audio or image signal the window sequence information indicating a first window (1500) for generating a first frame of spectral values a second window function (1502) and at least one third window function (1503) for generating a second frame of spectral values wherein the first window function (1500) the second window function (1502) and the one or more third window functions overlap within a multi overlap region (1300); a preprocessor (802) for windowing (902) a second block of samples corresponding to the second window function and the at least one third window functions using an auxiliary window function (1 100) to obtain a second block of windowed samples and for preprocessing (904) the second block of windowed samples using a folding in operation of a portion of the second block overlapping with a first block into the multi overlap portion (1300) to obtain a preprocessed second block of windowed samples having a modified multi overlap portion; a spectrum converter (804) for applying an aliasing introducing transform (906) to the first block of samples using the first window function to obtain the first frame of spectral values for applying the aliasing introducing transform to a first portion of the preprocessed second block of windowed samples using the second window function to obtain a first portion of spectral samples of a second frame and for applying the aliasing introducing transform to a second portion of the preprocessed second block of windowed samples using the one or more third window functions (1503) to obtain a second portion of spectral samples of the second frame; and a processor (806) for processing the first frame and the second frame to obtain encoded frames of the audio or image signal.



No. of Pages : 88 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015

(21) Application No.1951/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADAPTIVE OBSERVATION OF BEHAVIORAL FEATURES ON A MOBILE DEVICE

(51) International classification	:H04W24/04,H04L29/06,G06F21/31
(31) Priority Document No	:61/756963
(32) Priority Date	:25/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/012990 :24/01/2014
(87) International Publication No	:WO 2014/116977
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GUPTA Rajarshi
2)SRIDHARA Vinay
3)GATHALA Sudha Anil Kumar
4)WEI Xuetao
5)CHRISTODORESCU Mihai

(57) Abstract :
Detecting suspicious or performance-degrading mobile device behaviors intelligently, dynamically, and/or adaptively determine computing device behaviors that are to be observed, the number of behaviors that are to be observed, and the level of detail or granularity at which the mobile device behaviors are to be observed. The various aspects efficiently identify suspicious or performance-degrading mobile device behaviors without requiring an excessive amount of processing, memory, or energy resources.

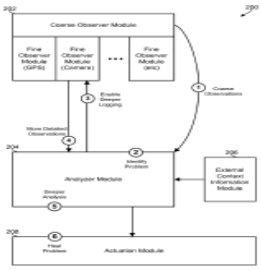


FIG. 2

No. of Pages : 105 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2015
(21) Application No.1953/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR THERMAL MANAGEMENT IN A PORTABLE COMPUTING DEVICE USING THERMAL RESISTANCE VALUES TO PREDICT OPTIMUM POWER LEVELS

(51) International classification :G06F1/20,G06F1/32
(31) Priority Document No :13/779153
(32) Priority Date :27/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018774
Filing Date :26/02/2014
(87) International Publication No :WO 2014/134211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)VADAKKANMARUVEEDU Unnikrishnan
2)DOSHI Paras S.
3)JAIN Ankur
4)MITTER Vinay
5)STEWART RICHARD A.

(57) Abstract :
Various embodiments of methods and systems for thermal energy management in a portable computing device (PCD)based on power level calculations are disclosed.An exemplary method includes tracking instantaneous operating temperatures and active power supply levels to one or more components. With an estimate or measurement of ambient temperature the instantaneous operating temperature values and active power supply level values can be used to calculate an instantaneous thermal resistance value. In the event that thermal energy generation should be managed a target operating temperature may be used with the ambient temperature and the instantaneous thermal resistance value to solve for an optimum power supply level. The active power supply level may then be adjusted based on the calculated optimum power supply level.

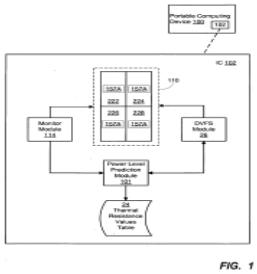


FIG. 1

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2105/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUORIDE FREE CONTINUOUS CASTING MOLD FLUX FOR ULTRALOW CARBON STEEL

(51) International classification :B22D11/111
(31) Priority Document No :201310028888.5
(32) Priority Date :25/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086816
Filing Date :11/11/2013
(87) International Publication No :WO 2014/114123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAOSHAN IRON & STEEL CO. LTD.
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(72)**Name of Inventor :**
1)ZHANG Chen
2)CAI Dexiang
3)MEI Feng
4)SHEN Jianguo

(57) Abstract :
222322A fluoride free continuous casting mold flux for ultralow carbon steel comprising the following components in weight percentage: 3 10%of NaO 0 3% of LiO 3 8% of MgO 5 15% of MnO 0 8% of BaO 4 12% of AlO and impurities with a content of no more than 2% the balance being CaO and SiO wherein the ratio of CaO/SiO is 0.8 1.3; the raw materials are mixed and then pre melted; the pre melted mold flux requires micro adjusting according to the component deviation and the ratio of the pre melted material is not lower than 70%; then a carbonaceous material of 1 3% by the total weight of the mold flux is added and mixed so as to obtain the finished product mold flux. Said mold flux has a melting point of 1100 1200°C and a viscosity of 0.2 0.6 Pa.s at 1300°C. A method for preparing a mold flux comprising the following steps: mixing raw materials pre melting to obtain a pre melt; then continuously supplementing raw materials into the pre melt to obtain a substrate with a desired composition; then adding a carbonaceous material to the substrate and mixing so as to obtain said mold flux. This mold flux is a boron free and fluoride free mold flux can effectively reduce the inclusion defect of blank casting and increase the yield of blank casting.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2106/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH STRENGTH STEEL SHEET AND MANUFACTURING METHOD THEREFOR

(51) International classification :C22C38/14,C22C38/38,C21D8/02
(31) Priority Document No :201310022008.3
(32) Priority Date :22/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090268
Filing Date :24/12/2013
(87) International Publication No :WO 2014/114158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHAO Sixin
2)YAO Liandeng

(57) Abstract :
Disclosed is a high strength steel sheet having the following chemical elements in weight percent contents: c: 0.070 0.115% Si: 0.20 0.50% Mn: 1.80 2.30% Cr: 0 0.35% Mo: 0.10 0.40% Nb: 0.03 0.06% V: 0.03 0.06% Ti: 0.002 0.04% Al: 0.01 0.08% B: 0.0006 0.0020% N=0.0060% O=0.0040% Ca: 0 0.0045% and the balance being Fe and other inevitable impurities. Also disclosed is a method for manufacturing the high strength steel sheet.

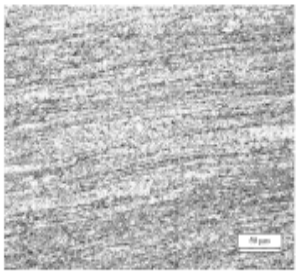

图 1 / Fig. 1

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2093/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETECTION OF A ZOOMING GESTURE

(51) International classification :G06F3/01,G06F3/03
(31) Priority Document No :13/843506
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024084
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)EVERITT Andrew J.
2)CHRISTIANSEN Nadine B.

(57) Abstract :
Methods systems computer readable media and apparatuses for implementation of a contactless zooming gesture are disclosed. In some embodiments a remote detection device detects a control object associated with a user. An attached computing device may use the detection information to estimate a maximum and minimum extension for the control object and may match this with the maximum and minimum zoom amount available for a content displayed on a content surface. Remotely detected movement of the control object may then be used to adjust a current zoom of the content.

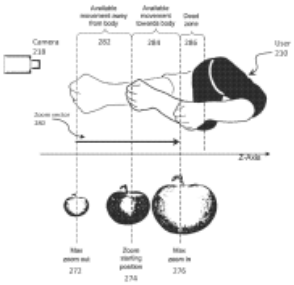

FIG. 2B

No. of Pages : 61 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2094/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 1 HYDROXY BENZOOXABOROLES AS ANTIPARASITIC AGENTS

(51) International classification :C07F5/02,A01N43/00
(31) Priority Document No :61/786839
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020966
Filing Date :06/03/2014
(87) International Publication No :WO 2014/149793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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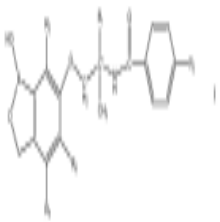
(72)**Name of Inventor :**
1)AKAMA Tsutomu
2)JARNAGIN Kurt
3)PLATTNER Jacob J.
4)PULLEY Shon Roland
5)WHITE William Hunter
6)ZHANG Yong Kang
7)ZHOU Yasheen

(57) Abstract :
Provided are compounds useful for controlling endoparasites both in animals and agriculture. Further provided are methods for controlling endoparasite infestations of an animal by administering an effective amount of a compound as described above or a pharmaceutically acceptable salt thereof to an animal as well as formulations for controlling endoparasite infestations using the compounds described above or an acceptable salt thereof and an acceptable carrier. The claimed compounds are described by the following Markush formula:A typical example for a compound according to above formula is: A typical example for a compound according to above formula is:



No. of Pages : 158 No. of Claims : 13

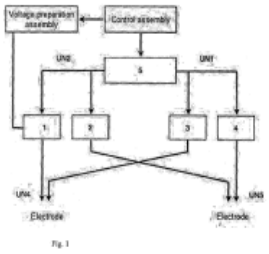
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2095/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIRECT CURRENT MEAT CARCASS ELECTRICAL STIMULATION ASSEMBLY

(51) International classification :A22B5/00,A22C9/00
(31) Priority Document No :P.404190
(32) Priority Date :03/06/2013
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2014/000059
Filing Date :03/06/2014
(87) International Publication No :WO 2014/196882
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BLUEVENT AIR SYSTEMS SP. Z.O.O.
Address of Applicant :ul. Plocka 25a PL 81 535 Gdynia Poland
(72)**Name of Inventor :**
1)GIELNIAK Igor

(57) Abstract :
The assembly according to the invention consists of two pairs of relays (1) and (2) as well as (3) and (4) preferably SSR semiconductor relays. The relays of each pair operate with the opposite direct current potentials. Direct current with the voltage of 220 V to 400 V as well as the UN1 and UN2 control lines are connected to the clamps of the controlled relays. The operation of the relays is controlled by means of the controller (5) preferably a PLC programmable controller. The relays (1) and (3) are connected to the first UN4 electrode clamp and the relays (2) and (4) to the second UN5 electrode clamp. The assembly operates in such a way that the PLC controller activates the relays (1) and (2) from the UN2 line which simultaneously activate the flow of the direct current with the voltage of 220 V to 400 V and mutually opposite polarity. As a result of this a difference of potentials appears on the UN4 and UN5 electrode clamps.



No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2096/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REVIEW SYSTEM

(51) International classification :G06F7/04,G06F17/30,H04N7/16
(31) Priority Document No :13/793817
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021043
Filing Date :06/03/2014
(87) International Publication No :WO 2014/164177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)RAMACHANDRAN Krishnan

(57) Abstract :
Techniques are provided for counteracting bias in reviews by authenticating and/or weighing the reviews based on the user specific context. For instance the reviews may be authenticated based on the user s location and the relative position of the user with respect to other users. For example a number of users sitting at a movie theater in an arc shape for an extended period of time may indicate that the users are watching a movie at the movie theater. Techniques described herein may provide the users with an interface to provide a review for the movie theater as the users break the arc formation indicating completion of the movie. In another example reviews of content such as media clips using a device may also be authenticated and/or weighed based on the user specific context. The user specific context such as the lighting conditions the time of day of the review etc. can indicate the level of detail that the user examined the content with and provide a metric for authenticating and/or weighing the reviews.

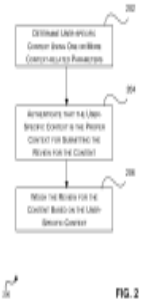


FIG. 2

No. of Pages : 60 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

(21) Application No.1974/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THREE TERMINAL SEMICONDUCTOR DEVICE WITH VARIABLE CAPACITANCE

(51) International classification :H01L29/66,H01L27/08,H01L29/93
(31) Priority Document No :13/770005
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016703
Filing Date :17/02/2014
(87) International Publication No :WO 2014/130394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)DUTTA Ranadeep

(57) Abstract :
Methods and apparatus for implementing variable e.g. tunable 3 terminal capacitance devices are described. In various embodiments vertical control pillars spaced apart from one another extend in a well having an opposite polarity than the polarity of the control pillars. The control pillars are arranged in a line that extends parallel to but between a deep trench gate and a well pickup. By varying the voltage applied to the control pillars the size of the depletion zone around the pillars can be varied resulting in a change in capacitance between the trench gate and pickup terminal connected to the well pickup. The generally vertical nature of the control pillars facilities control over a wide range of voltages while allowing for manufacturing using common semiconductor manufacturing steps making the device easy to implement on a chip with other semiconductor devices.

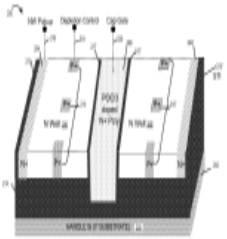


FIGURE 2

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015

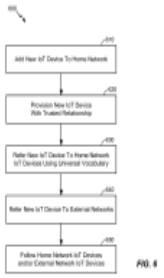
(21) Application No.1975/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATIC IOT DEVICE SOCIAL NETWORK EXPANSION

(51) International classification :G06F15/173,H04W84/18,H04W92/02
(31) Priority Document No :61/769157
(32) Priority Date :25/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018210
Filing Date :25/02/2014
(87) International Publication No :WO 2014/130993
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SHUMAN Mohammed Ataur Rahman
2)GOEL Amit
3)SHARMA Sandeep
4)GUPTA Binita
5)AGGARWAL Ashutosh

(57) Abstract :
The disclosure generally relates to Internet of Things (IoT) device social networking and in particular to an IoT device publish subscribe messaging model and automatic IoT device social network expansion. For example IoT devices from different networks may publish status data that relates to certain topics wherein the published status updates may be managed in a distributed manner at each IoT network. Furthermore IoT devices interested in published data can subscribe to data relating to certain topics which may be used to dynamically adjust actions that the subscribing IoT devices may take. Furthermore IoT devices can employ common social networking capabilities (e.g. refer follow like publish subscribe etc.) to interact with other IoT devices and find relevant information from other IoT devices that can be used to improve performance and effectiveness.



No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1976/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHANNEL GREY LISTING

(51) International classification :H04L29/02,H04L12/28
(31) Priority Document No :13/796222
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017981
Filing Date :24/02/2014
(87) International Publication No :WO 2014/163843
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT INC.
Address of Applicant :8200 Market Blvd. Chanhassen Minnesota 55317 U.S.A.
(72)**Name of Inventor :**
1)KARSCHNIA Robert John

(57) Abstract :
A wireless communication system grey lists those channels that interfere with channels used by a second wireless communication system. The wireless communication system reduces the rate at which the grey listed channels are utilized in the channel hopping pattern but does not completely eliminate use of the grey listed channels.

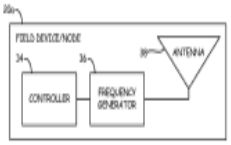


Fig. 2

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2110/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPECTROMETER FOR PERSONAL CONTEXT

(51) International classification :G01J1/42,G01J3/46,G06F1/16
(31) Priority Document No :13/797396
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021039
Filing Date :06/03/2014
(87) International Publication No :WO 2014/164176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TEAGUE Edward Harrison
2)SWAMINATHAN Ashwin

(57) Abstract :
A method of performing context inference is described. The method includes collecting ambient light at a spectrometer sensor integrated in a portable device characterizing the collected light to obtain optical information comparing the optical information to optical data predetermined to match one or more contexts inferring at least one characteristic of a specific context based on the comparison and determining a probability that the portable device is in the specific context.

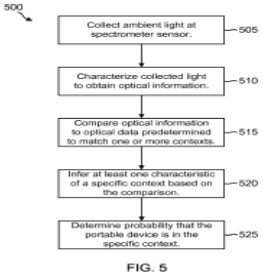


FIG. 5

No. of Pages : 22 No. of Claims : 27

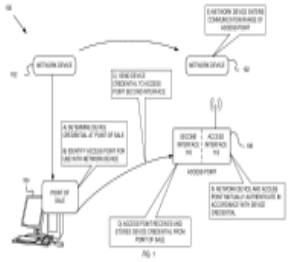
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2111/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEAMLESS DEVICE CONFIGURATION IN A COMMUNICATION NETWORK

(51) International classification :H04L29/06,H04W12/06
(31) Priority Document No :13/837703
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026625
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TINNAKORNSRISUPHAP Peerapol
2)BENOIT Olivier Jean
3)KUMAR Rajesh

(57) Abstract :
Seamless device configuration techniques between a network device and an access point are disclosed. In one example a device credential associated with the network device is sent to the access point before the network device communicates with the access point. The device credential can be used to verify the identity of the network device and can authenticate the network device with the access point without requiring user interaction. In another example a central authority can maintain a database of network devices access points and associated users. The central authority can determine when one or more network devices can seamlessly be configured for use with a particular access point. The central authority can send the device credential associated with the one or more network devices to the access point before the network device communicates with the access point.



No. of Pages : 51 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2116/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IN SITU CREATION OF PLANAR NATURAL FEATURE TARGETS

(51) International classification :G06T7/00,G06T7/20
(31) Priority Document No :13/802834
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018787
Filing Date :26/02/2014
(87) International Publication No :WO 2014/158620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)WAGNER Daniel
2)PAN Qi

(57) Abstract :
Disclosed are a system apparatus and method for in situ creation of planar natural feature targets. In one embodiment a planar target is initialized from a single first reference image one or more subsequent images are processed. In one embodiment the planar target is tracked in six degrees of freedom upon the processing of the one or more subsequent images and a second reference image is selected from the processed one or more subsequent images. In one embodiment upon selecting the second reference image the planar target is refined to a more accurate planar target.

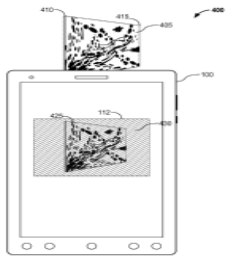


FIG. 4

No. of Pages : 37 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2117/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SIM CARD SELECTION FOR POSITION SERVICES

(51) International classification :H04W64/00,H04W88/06,H04W88/02, H04M 3/00
(31) Priority Document No :13/793801
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016324
Filing Date :13/02/2014
(87) International Publication No :WO 2014/163778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LIN Ie Hong
2)BURROUGHS Kirk Allan
3)SRINIVASAN Deepika
4)KAMARSU Srigouri

(57) Abstract :
A dual SIM mobile terminal such as a Dual SIM Dual Active (DSDA) mobile terminal connects to a network and performs a user plane or control plane positioning session through the network. When the positioning session is originated by the mobile terminal either SIM card may be used to connect to its associated network. When the positioning session is originated by another entity in the network either SIM card may be used for the positioning session. When the mobile terminal connects to a network for an emergency call using either SIM card and an emergency positioning session is performed through the network the emergency positioning session is permitted only during the emergency call and an emergency callback period and permitted only on a subscription on which the emergency call originated and no non emergency positioning sessions with either SIM card is permitted during the emergency positioning session or emergency call.

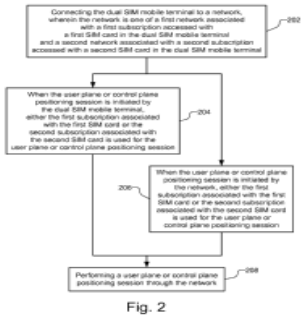


Fig. 2

No. of Pages : 36 No. of Claims : 24

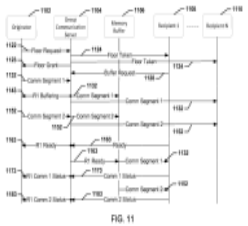
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2118/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OUTPUT MANAGEMENT FOR ELECTRONIC COMMUNICATIONS

(51) International classification :H04L29/06,H04W4/10
(31) Priority Document No :13/796561
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023165
Filing Date :11/03/2014
(87) International Publication No :WO 2014/164666
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 (USA) U.S.A.
(72)**Name of Inventor :**
1)KERGER Kameron Noell
2)LINDNER Mark Aaron
3)KONERTZ Anne Katrin

(57) Abstract :
Methods systems and devices are provided for managing electronic communications on a communication device including receiving an incoming call indication from an originating device. The methods system and devices may include transmitting a delay indication in response to determining the delayed call acceptance is warranted and receiving a first message segment and subsequently a second message segment from the originating device. Additionally they may include outputting at least one of the first message segment and the second message segment in response to determining whether to output at least one of the first message segment and the second message segment. Further they may include transmitting a playback status including a series of status indications reflecting an updated output progress of the first message segment at a recipient device in response to determining the first message segment should be output.



No. of Pages : 104 No. of Claims : 108

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

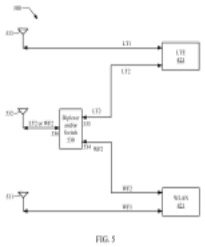
(21) Application No.2119/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WLAN DIVERSITY/MIMO USING SHARED ANTENNA

(51) International classification :H04B1/00,H04B7/04
(31) Priority Document No :13/801881
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015152
Filing Date :06/02/2014
(87) International Publication No :WO 2014/163750
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)MANTRAVADI Ashok
2)KADOUS Tamer Adel

(57) Abstract :
A UE with a limited number of antennas may support multiple radio access technologies (RATS). In some instances the UE may configure a shared antenna for use by a wireless local area network (WLAN) radio access technology (RAT) or a cellular RAT. The UE may also allocate the shared antenna to the WLAN RAT when the cellular RAT is active based at least in part on an operating condition of the WLAN RAT and/or the cellular RAT.



No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2015

(21) Application No.1991/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CDC7 INHIBITORS

(51) International classification :C07D403/14
(31) Priority Document No :61/782798
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021466
Filing Date :07/03/2014
(87) International Publication No :WO 2014/143601
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
(72)**Name of Inventor :**
1)DALLY Robert Dean
2)WOODS Timothy Andrew

(57) Abstract :
The present invention provides isoindolinone compounds or a pharmaceutically acceptable salt thereof that inhibit CDC7 and therefore may be useful in treating cancer.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2021/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADAPTIVE WIRELESS ACCESS POINT DISCOVERY

(51) International classification :H04W48/16,H04W8/18,H04W84/12, H04N 1/00
(31) Priority Document No :13/797168
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021379
Filing Date :06/03/2014
(87) International Publication No :WO 2014/182366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attention: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)SHAH Jeemil N.
2)BHATIA Ashok
3)HU Yuhua
4)ZHANG Gengsheng
5)RAHMAT Arie

(57) Abstract :
Apparatus and method for adaptive discovery and scanning of wireless access points (105 109). In one embodiment a set of channels can be scanned (305) in a first iteration to discover wireless access points. In one embodiment a discovery profile based on the discovered wireless access points can be determined (310) and in a second iteration a subset of the set of channels can be scanned (315). In one embodiment the subset consists of non overlapping channels selected (315) according to the discovery profile.

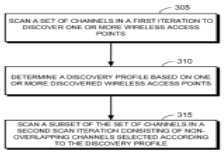


FIG. 3

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

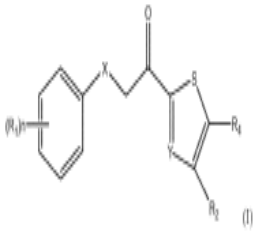
(21) Application No.2022/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIINFLAMMATORY AND ANTITUMOR 2 OXOTHIAZOLES AND 2 OXOTHIOPHENES COMPOUNDS

(51) International classification	:C07D277/24,C07D277/56,A61K31/426
(31) Priority Document No	:1301585.4
(32) Priority Date	:29/01/2013
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2014/051655
Filing Date	:28/01/2014
(87) International Publication No	:WO 2014/118195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AVEXXIN AS
Address of Applicant :Nordahl Bruns vei 2A N 7052 Trondheim Norway
(72)**Name of Inventor :**
1)JOHANSEN Berit
2)SANDBERG Marcel
3)AUKRUST Inger Reidun
4)KOKOTOS George
5)BARBAYIANNI Efrosini

(57) Abstract :
242p2p522p1 62416 107 122 121 2 2 121 1251 6A compound of formula (I) wherein X is O C O or S; Y is N or CH; R and R are each independently H (CH)COOH (CH)CON(R) or (CH)COOC alkyI; or R and R together form a 6 membered phenyl ring fused to the five membered ring; each R is independently selected from H halo (e.g. fluoro or chloro) Caryl Carylalkyl Calkenyl; OCalkyl OC aikenyl or a C alkyl group; each R is H or C alkyl; each p is 0 to 3; n is 1 to 4; or a salt ester solvate N oxide or prodrug thereof e.g. a salt thereof.



No. of Pages : 107 No. of Claims : 34

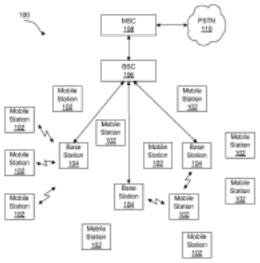
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015
(21) Application No.2023/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MODIFYING A WINDOW WITH A FRAME ASSOCIATED WITH AN AUDIO SIGNAL

(51) International classification :G10L 19/00, G10L 21/00
(31) Priority Document No :60/834,674
(32) Priority Date :31/07/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/074898
Filing Date :31/07/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :78/MUMNP/2009
Filed on :08/01/2009

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)KRISHNAN, Venkatesh
2)KANDHADAI, Ananthapadmanabhan A.

(57) Abstract :
A method for modifying a window with a frame associated with an audio signal is described. A signal is received. The signal is partitioned into a plurality of frames. A determination is made if a frame within the plurality of frames is associated with a non-speech signal. A modified discrete cosine transform (MDCT) window function is applied to the frame to generate a first zero pad region and a second zero pad region if it was determined that the frame is associated with a non-speech signal. The frame is encoded. The decoder window is the same as the encoder window.



No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015
(21) Application No.2024/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/40,F02D41/04,F02D41/14
(31) Priority Document No :10 2013 000 061.0
(32) Priority Date :02/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/003869
Filing Date :19/12/2013
(87) International Publication No :WO 2014/106531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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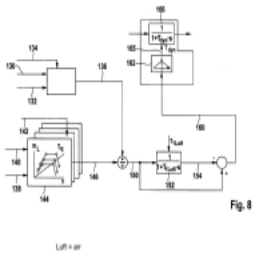
(72)**Name of Inventor :**
1)D–ELKER Armin

(57) Abstract :
The invention relates to a method and an arrangement for operating an internal combustion engine. In said method an injection start is calculated by a filter starting from a standard injection start and at least one of the filter parameters is seleced in accordance with the operating mode of the internal combustion engine.



No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2120/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS SERVERS AND SYSTEMS FOR VERIFYING REPORTED LOCATIONS OF COMPUTING DEVICES

(51) International classification	:H04W12/10,H04W4/02,H04W64/00, G06F 21/00
(31) Priority Document No	:61/782735
(32) Priority Date	:14/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/036847 :05/05/2014
(87) International Publication No	:WO 2014/153568
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHUMAN Mohammed Ataur Rahman
2)SHARMA Sandeep
3)GOEL Amit

(57) Abstract :
Methods servers and systems are disclosed for authenticating location information in a message from a sending computing device (102) to a receiving computing device (103). Location information of a sending computing device (102) at an actual location may be incorporated in the message (212). Location information in a message may be compared with information regarding the actual location of the sending computing device (102) maintained by a server (324). The location information in the message may be authenticated based on the comparison (326).

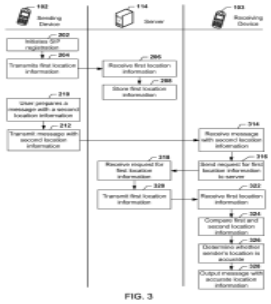

FIG. 3

No. of Pages : 54 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2032/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification	:G01N33/566,C12M1/34,C40B30/04
(31) Priority Document No	:61/753723
(32) Priority Date	:17/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/011830 :16/01/2014
(87) International Publication No	:WO 2014/113558
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANDERBERG Joseph
2)GRAY Jeff
3)MCPHERSON Paul
4)NAKAMURA Kevin
5)KAMPF James Patrick

(57) Abstract :
The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using a measured urine concentration of one or more of TIMP2 and IGFBP7 in combination with one or more of a measured serum creatinine and a measured urine output which results are correlated to the renal status of the subject and can be used for diagnosis prognosis risk stratification staging monitoring categorizing and determination of further diagnosis and treatment regimens in subjects suffering or at risk of suffering from an injury to renal function reduced renal function and/or acute renal failure.

No. of Pages : 142 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2033/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ELEMENT WITH DISTRIBUTED FLOW TABLES

(51) International classification :H04L12/755,H04L12/741
(31) Priority Document No :13/802358
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024902
Filing Date :12/03/2014
(87) International Publication No :WO 2014/165235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :c/o International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TU Yifeng

(57) Abstract :
A network element is configured to store a plurality of flow table entries each having first and second portions wherein the first portion can be read only and the second portion can be read and modified. The network element includes a first memory configured to store the first portion of the flow table entries and a second memory configured to store the second portion of the flow table entries. A plurality of processing cores are configured to process data packets in accordance with the flow table entries each of the processing cores being further configured to access the first portion of the flow table entries in the first memory. A module is configured to exclusively access the second portion of the flow table entries in the second memory to support the processing of the data packets by the processing cores.

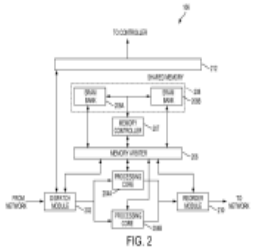
FIG. 2

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2034/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DYNAMIC INTERFACE SELECTION IN A MOBILE DEVICE

(51) International classification	:H04W76/02,H04W88/06, G06F 1/00
(31) Priority Document No	:61/772977
(32) Priority Date	:05/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/014625 :04/02/2014
(87) International Publication No	:WO 2014/137523
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)WIETFELDT Richard Dominic

(57) Abstract :
A mobile wireless device/platform dynamically selects or instantiates a desired interface to improve conditions related to the mobile (multi radio) wireless device such as power consumption savings radio coexistence mitigation electromagnetic interference (EMI) reduction etc. In one instance the mobile wireless device identifies one or more hardware interfaces in a mobile wireless device host. The mobile wireless device then dynamically selects the one or more hardware interfaces to facilitate communication between a peripheral device and the mobile wireless device host.

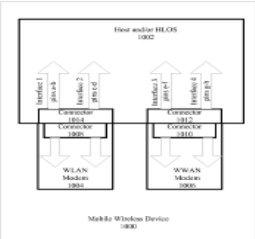

FIG. 10

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

(21) Application No.2129/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification :G01N33/53
(31) Priority Document No :61/757893
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013433
Filing Date :28/01/2014
(87) International Publication No :WO 2014/120677
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASTUTE MEDICAL INC.
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(72)**Name of Inventor :**
1)ANDERBERG Joseph
2)GRAY Jeff
3)MCPHERSON Paul
4)NAKAMURA Kevin
5)KAMPF James Patrick

(57) Abstract :
The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using assays that detect Tartrate resistant acid phosphatase type 5 as diagnostic and prognostic biomarker assays in renal injuries.

No. of Pages : 76 No. of Claims : 107

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

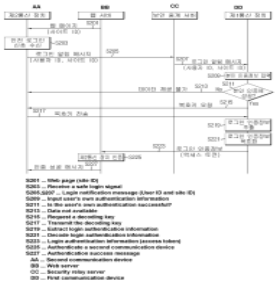
(21) Application No.2030/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR SAFE LOGIN AND APPARATUS THEREFOR

(51) International classification :G06F21/30,G06F15/16
(31) Priority Document No :1020120155630
(32) Priority Date :27/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012249
Filing Date :27/12/2013
(87) International Publication No :WO 2014/104777
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROWEM INC.
Address of Applicant :201 38 Digital ro 29 gil Guro gu Seoul 152 779 Republic of Korea
(72)**Name of Inventor :**
1)YANG Giho
2)HWANG Jaeyeob

(57) Abstract :
The present invention relates to a system and method for safe login in which a plurality of devices interworks and performs user login and to an apparatus therefor. According to the present invention the method for performing safe login for a communication device accessing a website includes the steps of: receiving by a device that provides authentication data a request for authentication related data necessary for logging into the website from the communication device; extracting by the device that provides authentication data the authentication related data necessary for logging into the website; transmitting by the device that provides authentication data the extracted authentication related data to the communication device; and attempting by the communication device login authentication into the website using the authentication related data.



No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

(21) Application No.2121/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PUZZLE CUBE AND COMMUNICATION SYSTEM

(51) International classification :G06F21/35,G06F21/31,G06F3/00
(31) Priority Document No :1301821.3
(32) Priority Date :01/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050274
Filing Date :31/01/2014
(87) International Publication No :WO 2014/118562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APPYCUBE LTD
Address of Applicant :78 The Green Twickenham Middlesex TW2 5AG U.K.
(72)**Name of Inventor :**
1)BRADFORD Gary
2)CRAYTON Andrew

(57) Abstract :
A system for accessing a database comprising a puzzle cube including a plurality of cubelets forming rotatable faces of the puzzle cube wherein a plurality of different symbols are respectively provided on a plurality of faces of the cubelets. The system also comprises an image capturing device for capturing an image of a face of the puzzle cube and an image recognition component communicably connected to the image capturing device. The image recognition component is adapted to determine an arrangement of the symbols contained in the captured image. The system also includes a database containing a plurality of database entries each database entry being indexed by an arrangement of the symbols and a database access component communicably connected to the image recognition component and to the database. The database access component is adapted to access the database and retrieve the database entry indexed by the arrangement of symbols determined by the image recognition component.

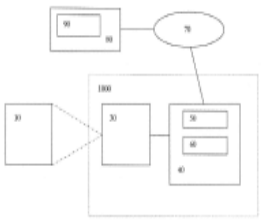


Fig. 4

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2122/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER DEVICE TRANSFER OF ACCURATE LOCATION INFORMATION

(51) International classification :G01S5/00,G01S5/02
(31) Priority Document No :13/827024
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024578
Filing Date :12/03/2014
(87) International Publication No :WO 2014/159649
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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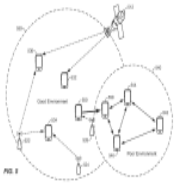
(72)**Name of Inventor :**
1)EDGE Stephen William
2)ISCHE Marc Anthony

(57) Abstract :
The disclosure is directed to determining a location of a user equipment (UE) in a poor positioning environment based on locations of one or more devices. A first location and a first location uncertainty of the first device is received from a first device a determination whether or not the first location uncertainty is less than a location uncertainty of the UE is made and if the first location uncertainty is less than the location uncertainty of the UE the location of the UE is determined based on the location of the first device and a distance to the first device.



No. of Pages : 41 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2123/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREDICTION METHOD AND CODING/DECODING DEVICE FOR HIGH FREQUENCY BAND SIGNAL

(51) International classification :G10L21/02,G10L19/04
(31) Priority Document No :201310033625.3
(32) Priority Date :29/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076408
Filing Date :29/05/2013
(87) International Publication No :WO 2014/117458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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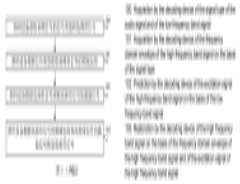
(72)**Name of Inventor :**
1)LIU Zexin
2)MIAO Lei
3)QI Fengyan

(57) Abstract :
A prediction method and a coding/decoding device for a high frequency band signal. The method comprises: acquiring a signal type of an audio signal and a low frequency band signal (100); the audio signal comprises the low frequency band signal and a high frequency band signal; acquiring a frequency domain envelope of the high frequency band signal on the basis of the signal type (101); predicting an excitation signal of the high frequency band signal on the basis of the low frequency band signal (102); and restoring the high frequency band signal on the basis of the frequency domain envelope of the high frequency band signal and of the excitation signal of the high frequency band signal. The method and device allow for effective reduction in errors found between the high frequency band signal acquired by prediction and an actual high frequency band signal and increases the accuracy of the predicted high frequency band signal.



No. of Pages : 66 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2040/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING A SEALED AND THERMALLY INSULATING BARRIER FOR A STORAGE TANK

(51) International classification :F17C3/02
(31) Priority Document No :1351569
(32) Priority Date :22/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050358
Filing Date :21/02/2014
(87) International Publication No :WO 2014/128414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DUCOUP Laurent
2)LE ROUX Guillaume
3)LONGUET Virginie
4)PELLE Jr´me

(57) Abstract :
The invention concerns a method for producing a sealed and thermally insulating wall for a fluid storage tank comprising the steps of: attaching a plurality of anchoring elements (1) to a load bearing structure (2); installing modular formwork elements (3) on the load bearing structure (2) the modular formwork elements (3) having a shape that protrudes relative to the load bearing structure (2) and defining with the load bearing structure (2) and the plurality of anchoring parts (1) compartments (4) having an open side opposite the load bearing structure (2); spraying insulating foam into said compartments (4) through the open side so as to form a plurality of insulating sectors (5) made from sprayed insulating foam; arranging insulating junction elements (8) in a constrained position in which they are constrained between said insulating sectors (5) and are capable of expanding in case of thermal contraction of said insulating sectors (5) in order to ensure the continuity of the thermal insulation; and attaching a sealing membrane to said anchoring elements (1).

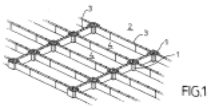
FIG.1

FIG.13

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015
(21) Application No.2041/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUDIO ENCODERS AUDIO DECODERS SYSTEMS METHODS AND COMPUTER PROGRAMS USING AN INCREASED TEMPORAL RESOLUTION IN TEMPORAL PROXIMITY OF ONSETS OR OFFSETS OF FRICATIVES OR AFFRICATES

(51) International classification :G10L19/025,G10L21/038
(31) Priority Document No :61/758078
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/051635
Filing Date :28/01/2014
(87) International Publication No :WO 2014/118179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DISCH Sascha
2)HELMRICH Christian
3)MULTRUS Markus
4)SCHNELL Markus
5)TRITTHART Arthur

(57) Abstract :
An audio encoder for providing an encoded audio information on the basis of an input audio information comprises a bandwidth extension information provider configured to provide bandwidth extension information using a variab!e temporal resolution and a detector configured to detect an onset of a fricative or affricate. The audio encoder is configured to adjust a temporal resolution used by the bandwidth extension information provider such that bandwidth extension information is provided with an increased temporal resolution at least for a predetermined period of time before a time at which an onset of a fricative or affricate is detected and for a predetermined period of time following the time at which the onset of the fricative or affricate is detected. Alternatively or in addition the bandwidth extension information is provided with an increased temporal resolution in response to a detection of an offset of a fricative or affricate. Audio encoders and methods use a corresponding concept.

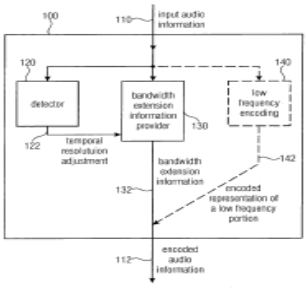

FIGURE 1

No. of Pages : 63 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2134/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLIENT SERVER BASED DYNAMIC SEARCH

(51) International classification :G06F17/30
(31) Priority Document No :13/843607
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016273
Filing Date :13/02/2014
(87) International Publication No :WO 2014/149262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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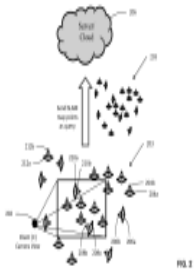
(72)**Name of Inventor :**
1)PAN Qi
2)WAGNER Daniel
3)SZALAVARI Zsolt

(57) Abstract :
Method mobile device computer program product and apparatus for performing a search are disclosed. The method of performing a search comprises receiving one or more images of an environment in view of a mobile device generating a simultaneous localization and mapping of the environment using the one or more images wherein the simultaneous localization and mapping of the environment comprises a plurality of map points representing a plurality of surfaces in a three dimensional coordinate system of the environment sending a set of the plurality of map points as a search query to a server receiving a query response from the server and identifying an object in the environment based at least in part on the query response.



No. of Pages : 37 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2037/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE DEVICE POSITIONING

(51) International classification :G01C21/20,G01S19/42,H04W4/02
(31) Priority Document No :13/773309
(32) Priority Date :21/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011951
Filing Date :17/01/2014
(87) International Publication No :WO 2014/130181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KHORASHADI Behrooz
2)DAS Saumitra Mohan
3)CHAO Hui

(57) Abstract :
Methods apparatus and computer program products for determining a mobile device location. An example of a method for determining a mobile device location includes receiving signals from a transmitter measuring signal characteristics of the received signals and downloading data from a database corresponding to a defined region associated with the transmitters. The downloaded data includes a set of position points a classification of each position point and expected signal characteristics for each position point. The method further includes comparing the measured signal characteristics with the expected signal characteristics for each position point assigning a weight to position points based on the compared signal characteristics and determining the mobile device location by selecting one position point from the set as a position point solution corresponding to the mobile device location based on the assigned weight. The position point solution is constrained by the classification of each position point.

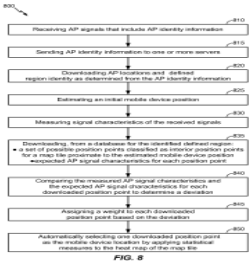

FIG. 8

No. of Pages : 53 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2038/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MONOVALENT AND POLYVALENT VACCINES AGAINST LEISHMANIA

(51) International classification :A61K39/008
(31) Priority Document No :12/03620
(32) Priority Date :28/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/000373
Filing Date :30/12/2013
(87) International Publication No :WO 2014/102471
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)INSTITUT DE RECHERCHE POUR LE D‰VELOPPEMENT (IRD)
(72)**Name of Inventor :**
1)PAPIEROK Grard Marie
2)LEMESRE Jean Loup
3)GUEGUEN Sylvie
4)BRAS GONCALVES Rachel Elise
5)PETITDIDIER LESIN Elodie

(57) Abstract :
The invention relates to monoepitopic or polyepitopic peptidic compounds of sequence SEQ ID N° 1 to 16 and to the analogous mutein and homologous derivatives thereof for the prevention and treatment of Leishmaniases in mammals and especially in humans canines felines and equines. The invention especially relates to vaccines comprising said peptidic compounds in conditions ensuring immunisation leading to effective protection of the vaccinated human or animal against at least one Leishmania.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2039/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI PURPOSE INGREDIENT FOR BAKERY AND OTHER PRODUCTS

(51) International classification :A21D2/36
(31) Priority Document No :61/749376
(32) Priority Date :06/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010386
Filing Date :06/01/2014
(87) International Publication No :WO 2014/107687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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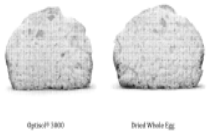
1)WARD Loren
2)HOFFPAUER Diane
3)DUNN MASCIO Angela
4)DEMMERLY Jason
5)MARTINS Loretta
6)MOSS Melinda
7)YOUNG Michael

(57) Abstract :
Disclosed are multi functional compositions for use as egg replacers or egg substitutes as well as binders coatings washes emulsifiers and fat replacers. These compositions are especially useful in bakery products where they provide exceptional results when used as egg substitutes while adding valuable nutrients to the products into which they are incorporated.

Fig. 1



No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2130/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALWAYS ON CAMERA SAMPLING STRATEGIES

(51) International classification :H04N5/232
(31) Priority Document No :13/843201
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020160
Filing Date :04/03/2014
(87) International Publication No :WO 2014/149664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SADASIVAM Shankar
2)SWAMINATHAN Ashwin
3)RAMACHANDRAN Mahesh

(57) Abstract :
Embodiments of the present invention are directed toward providing intelligent sampling strategies that make efficient use of an always on camera. To do so embodiments can utilize sensor information to determine contextual information regarding the mobile device and/or a user of the mobile device. A sampling rate of the always on camera can then be modulated based on the contextual information.

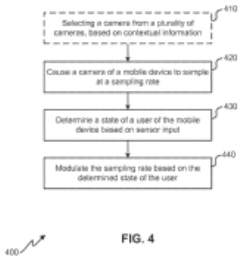


FIG. 4

No. of Pages : 36 No. of Claims : 36

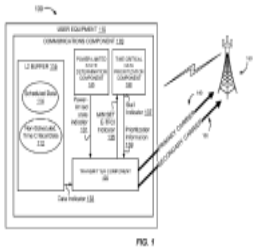
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2131/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRIORITIZING TIME CRITICAL DATA FOR TRANSMISSION DURING POWER LIMITED STATE IN DC HSUPA OPERATION

(51) International classification	:H04L12/801,H04L12/851,H04W52/02
(31) Priority Document No	:61/774880
(32) Priority Date	:08/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/019096 :27/02/2014
(87) International Publication No	:WO 2014/137753
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHAKRAVARTHY Chetan Gopalakrishnan
2)KUMAR Arvindhan
3)DSOUZA Luna Sapna

(57) Abstract :
Techniques for prioritizing time critical data for transmission during a power limited state in DC HSUPA operation are described. A user equipment (UE) may be in a power limited state. The UE may identify non scheduled time critical data and scheduled data as available for transmission. The UE may detect that a minimum transport block size is about to be selected for a transmission on a secondary uplink carrier. The UE may prioritize the non scheduled time critical data over the scheduled data and transmit the non scheduled time critical data on a primary uplink carrier based on the prioritizing. The UE also may transmit the scheduled data during a transmission time interval (TTI) that is different from the TTI during which the non scheduled time critical data was transmitted. The non scheduled time critical data and the scheduled data may be transmitted using transmit diversity.



No. of Pages : 43 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2044/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER IN THE LOOP ARCHITECTURE FOR INDOOR POSITIONING

(51) International classification :G01C21/20
(31) Priority Document No :13/778486
(32) Priority Date :27/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011955
Filing Date :17/01/2014
(87) International Publication No :WO 2014/133683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DAS Saumitra Mohan
2)MOHAMMAD MIRZAEI Faraz
3)SRIDHARA Vinay

(57) Abstract :
Techniques for determining a position of a mobile device in an indoor environment are provided. An example method includes receiving a request for the position of the mobile device within the indoor environment from an application running on the mobile device estimating the position of the mobile device within the indoor environment based on signals received from a plurality of wireless access points responsive to receiving the request for the position of the mobile device identifying an ambiguity in estimating the position of the mobile device identifying disambiguation information for resolving the ambiguity in the position requesting disambiguation information for resolving the ambiguity associated with the position receiving the disambiguation information for resolving the ambiguity associated with the position; resolving the ambiguity in estimating the position using the disambiguation information; and determining the position of the mobile device in the indoor environment.

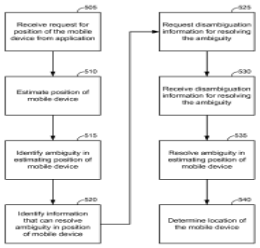

FIG. 5

No. of Pages : 61 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2137/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SWITCHING PROCESSING MODES USING GESTURES

(51) International classification :G10L15/22
(31) Priority Document No :13/835234
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026273
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TON Phuong L.
2)HILDRETH Evan R.
3)BERNARTE Joel S.
4)ARELLANO Suzana

(57) Abstract :
Systems and methods for switching between voice dictation modes using a gesture are provided so that an alternate meaning to a dictated word may be applied. The provided systems and methods time stamp detected gestures and detected words from the voice dictation and compare the time stamp at which a gesture is detected to the time stamp at which a word is detected. When it is determined that a time stamp of a gesture approximately matches a time stamp of a word the word may be processed to have an alternate meaning such as a command punctuation or action.

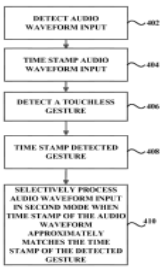

FIG. 4

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2138/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESTABLISHING RELIABLE ALWAYS ON PACKET DATA NETWORK CONNECTIONS

(51) International classification	:H04W76/02,H04L 29/00
(31) Priority Document No	:61/785841
(32) Priority Date	:14/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/026561 :13/03/2014
(87) International Publication No	:WO 2014/151851
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Ramachandran Shyamal

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus e.g. a network entity may establish a connection between a user equipment (UE) and a packet data network designate the packet data network with an always on status and notify the UE while the UE is in the idle mode when a loss of connection with the packet data network is detected. The UE may be connected to another packet data network when the loss of the connection occurs. A service provided by the packet data network may be designated as having an always on status and the UE may be notified when a loss of the service is detected.

FIG. 7

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2139/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REQUESTING AND PROVIDING ACCESS TO INFORMATION ASSOCIATED WITH AN IMAGE

(51) International classification	:G06F17/30,G06F21/62,H04L29/06
(31) Priority Document No	:13/835856
(32) Priority Date	:15/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/022018 :07/03/2014
(87) International Publication No	:WO 2014/150054
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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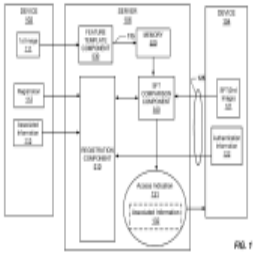
(72)**Name of Inventor :**
1)HUTCHISON James A. IV
2)GOSS Scott D.

(57) Abstract :
A device may request and a server may provide access to information associated with an image based on trusted face recognition. The server may receive a first image registration and associated information from a first device. The first image may include feature data which the server may extract to create a first feature template. The server may store and correlate the first feature template registration and associated information for the first image. A second device may extract feature data from a second image create and provide to the server a second feature template. The server may authenticate the second device. The server may compare the second feature template with stored feature templates to identify a match. The server may determine whether to share associated information for a match with and return an access indication to the second device based in part on the authentication.



No. of Pages : 57 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2059/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AIR COOLING DEVICE FOR POULTRY HOUSE

(51) International classification :A01K1/00,A01K31/00,F25D7/00
(31) Priority Document No :2013088975
(32) Priority Date :22/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/061336
Filing Date :22/04/2014
(87) International Publication No :WO 2014/175288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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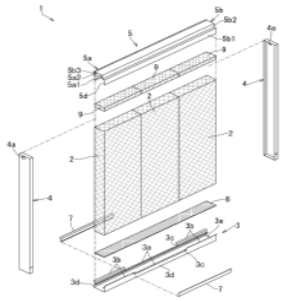
(72)**Name of Inventor :**
1)TSUBAI Yasushi
2)ISHIGURE Shigeharu

(57) Abstract :
The present invention provides an air cooling device for a poultry house capable of safely and straightforwardly exchanging cooling panels. An air cooling device for a poultry house (1) is equipped with a cooling panel (2) a bottom frame member (3) a pair of side frame members (4) a top frame member (5) a water supply pipe. The air cooling device for a poultry house (1) is attached in a state of covering a ventilation hole formed on a side surface of the poultry house. The cooling panel (2) cools air using the water vaporization heat. The bottom frame member (3) comprises a panel mounting section (3a) a pair of upright wall sections (3b) and a notch section (3c). On the panel mounting section (3a) are mounted multiple lined up cooling panels (2). The upright wall sections (3b) extend upward from the panel mounting section (3a). The notch section (3c) is formed by notching the bottom frame member (3) longer than the width of one cooling panel (2) in the longitudinal direction in a state in which a part of the standing wall section (3b) is opened upward. The side frame members (4) are attached to both longitudinal direction ends of the bottom frame member (3). The top frame member (5) couples top end sections of the pair of the side frame members (4) together and comprises an insertion groove (5d) into which the top end sections of the multiple cooling panels (2) are inserted. The water supply pipe is attached to the top frame member (5) and supplies water to the top surfaces of the multiple cooling panels (2).



No. of Pages : 33 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2146/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND MOBILE DEVICE FOR PREVENTING DRIVER DISTRACTION

(51) International classification :B60K35/00,H04M1/725,H04W4/04
(31) Priority Document No :13/787741
(32) Priority Date :06/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018796
Filing Date :26/02/2014
(87) International Publication No :WO 2014/137711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JONES Brian R.

(57) Abstract :
A processor implemented method computer readable medium and a mobile device for disabling at least one text application on a mobile device comprising: processing an image (430) captured (425A) in a vehicle by the mobile device to identify a seat belt in the image; determining a slope of the seat belt (430) relative to a horizon wherein the horizon is determined using information pertaining to a position and an orientation of the mobile device relative to a frame of reference (435 440) at a time when the image was captured; determining a speed of the mobile device (415); and disabling (450 455) at least one text application (410) on the mobile device based on the slope of the seat belt and the speed of the mobile device.

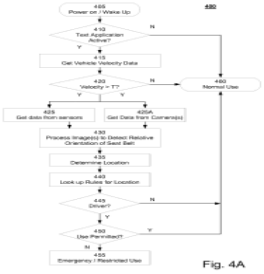

Fig. 4A

No. of Pages : 47 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2147/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR PROVIDING A NAVIGATION ROUTE BASED ON NETWORK AVAILABILITY AND DEVICE ATTRIBUTES

(51) International classification :G08G1/0968
(31) Priority Document No :13/787651
(32) Priority Date :06/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018661
Filing Date :26/02/2014
(87) International Publication No :WO 2014/137699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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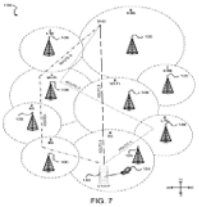
(72)**Name of Inventor :**
1)ANNAPUREDDY Koushik
2)FINLOW BATES Keir

(57) Abstract :
Systems methods apparatuses and computer readable media for are provided for providing a navigation route based on network availability. In one embodiment a method includes receiving a request for a navigation route. The method may further include providing the navigation route the navigation route taking into account accessibility information relating to accessibility of at least one wireless network at different geographic locations along the navigation route and device specific information relating to attributes of a mobile device. The accessibility information may include data collected by different mobile devices at different geographic locations. The accessibility information may also be stored at a centralized server.



No. of Pages : 53 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2051/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR ORAL TREATMENT OF DIABETES

(51) International classification :A61K38/28,A61P3/10,A61P3/08
(31) Priority Document No :61/757762
(32) Priority Date :29/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050099
Filing Date :29/01/2014
(87) International Publication No :WO 2014/118774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VOL Alexander
2)GRIBOVA Orna

(57) Abstract :
The present invention relates to pharmaceutical compositions for oral delivery comprising at least two bioactive proteins associated with glucose metabolism selected from the group consisting of insulin proinsulin and C Peptide in a delivery vehicle adapted for oral administration that provides portal delivery of bioactive proteins. The exemplary pharmaceutical compositions comprise an oil based matrix comprising solid particulate matter suspended therein wherein the particulate matter comprises a polysaccharide non covalently associated with silica particles having a hydrophobic surface wherein the polysaccharide and silica particles are non covalently associated with the at least two bioactive proteins. The present invention further provides therapeutic uses of said pharmaceutical compositions.

No. of Pages : 78 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2153/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER INTERFACE FOR A HEAD MOUNTED DISPLAY

(51) International classification :G02B27/01,G02B27/00,G06F3/01
(31) Priority Document No :13/827339
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018938
Filing Date :27/02/2014
(87) International Publication No :WO 2014/158633
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MACIOCCI Giuliano
3)AUGER Louise M.

(57) Abstract :
A user interface (UI) of a head mounted display (HMD) is provided that that allows a user to access one or more persistent data elements that are otherwise outside the users initial field of view by using a head movement such as a head tilt (i.e. movement about a horizontal axis) and/or rotation (i.e. movement about a vertical axis). Embodiments also can provide for further movement and/or other manipulation of data of persistent data elements with further detected movement of the users head.

FIG. 3B

No. of Pages : 45 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2154/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CROWDSOURCING BASED ON BASE STATION ALMANAC QUALITY

(51) International classification :H04W4/02,G01S5/00,H04W4/20
(31) Priority Document No :13/830004
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018286
Filing Date :25/02/2014
(87) International Publication No :WO 2014/158566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GAO Weihua
3)BURROUGHS Kirk Allan
4)FARMER Dominic Gerard

(57) Abstract :
Systems apparatus and methods for a mobile device (MS) and a base station (BS) almanac server to throttle crowdsourcing information are presented. The crowdsourcing information is used to improve a location of a base station in a base station almanac. A portion of the base station almanac is provided to a mobile device. For example the mobile device may identify its current cell and request the base station almanac. The mobile device records crowdsourcing information to identify for each particular base station of at least one base station a cellular identifier for the particular base station optional ranging information between the particular base station and the mobile device and an independent position of the mobile device. The independent position of the mobile device may be formed from global navigation satellite system GNSS or station signals independent of the at least one base station.

FIG. 1

No. of Pages : 38 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2155/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA ENCODER DATA DECODER AND METHOD

(51) International classification :H03M7/46,H03M7/40
(31) Priority Document No :1303660.3
(32) Priority Date :01/03/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2014/000530
Filing Date :01/03/2014
(87) International Publication No :WO 2014/131527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KALEVO Ossi
2)KARKKAINEN Tuomas

(57) Abstract :
An encoder (10) is provided for encoding input data (D1) to generate corresponding encoded output data (D2). The encoder (10) includes a data processing arrangement for generating a run length encoded (RLE) representation of the input data (D1). Moreover the encoder (10) is operable to split the run length encoded (RLE) representation into a plurality of parts (A B) wherein at least one part is associated with original symbols and at least another part is associated with counters representative of occurrence of the original symbols. Furthermore the encoder (10) is operable to encode the plurality of parts (A B) separately to generate the encoded output data (D2). There is also provided a corresponding decoder (50) for decoding the encoded data (D2) to generate corresponding decoded output data (D3). Additionally there is provided a codec (20) including the aforesaid encoder (10) and decoder (50). Optionally the original symbols include at least one of: characters alphabetic elements numbers bits bytes words.

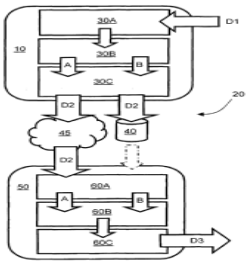

FIG. 2

No. of Pages : 26 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2055/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIDGET CREATION METHOD APPARATUS AND TERMINAL DEVICE

(51) International classification :G06F3/0484
(31) Priority Document No :201310038921.2
(32) Priority Date :31/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/070803
Filing Date :17/01/2014
(87) International Publication No :WO 2014/117654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WANG Shoucheng
2)BAI Yujing

(57) Abstract :
The present invention belongs to the terminal device field. Disclosed are a widget creation method an apparatus and a terminal device. The method comprises: obtaining a widget framework of a widget wherein the widget framework is used for placing at least two or more widget units and the widget framework comprises at least two or more widget setting areas; according to a first movement operation of a first widget unit controlling the first widget unit so that it moves along a movement track of the first movement operation wherein the first movement operation is used for moving the first widget unit; and when the first movement operation ends positioning the first widget unit in a first specified widget setting area. By setting the two or more widget setting areas the present invention achieves a purpose of implementing multiple widgets in a widget framework meets special customization of different users and improves personalization of terminal device setting.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2056/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR PACKET TRANSMISSION PROTECTION AND COMMUNICATIONS APPARATUS UTILIZING THE SAME

(51) International classification	:H04W88/06, H04L 1/00
(31) Priority Document No	:61/902425
(32) Priority Date	:11/11/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2014/090806
Filing Date	:11/11/2014
(87) International Publication No	:WO 2015/067220
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MEDIATEK INC.
Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 China
(72)**Name of Inventor :**
1)KO Li Chun
2)CHEN Yih Shen

(57) Abstract :
A communications apparatus includes a radio module providing a predetermined wireless communications service and communicating with a peer communications apparatus in a predetermined frequency band in compliance with a predetermined protocol. The radio module includes a processor. The processor determines a maximum packet transmission duration transmits information regarding the maximum packet transmission duration to the peer communications apparatus and negotiates a preferred packet transmission duration with the peer communications apparatus.

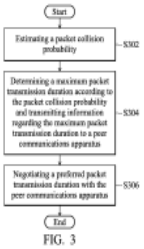

FIG. 3

No. of Pages : 31 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2150/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MTC DEVICE ASSOCIATION SCHEMES

(51) International classification :H04W4/00, H04L 1/00
(31) Priority Document No :61/772399
(32) Priority Date :04/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020114
Filing Date :04/03/2014
(87) International Publication No :WO 2014/137975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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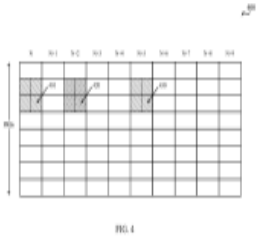
(72)**Name of Inventor :**
1)SOMASUNDARAM Kiran
2)XU Hao
3)CHEN Wanshi
4)JI Tingfang

(57) Abstract :
Methods and apparatuses are described for wireless communications in which various association schemes may be performed for a machine type communication (MTC) device. In a long term evolution (LTE) heterogeneous network the MTC device may associate with a macro cell or a small cell using a narrowband MTC channel supported by the cells. Information about the MTC channel including its frequency spectrum may be transmitted to the MTC device using reserved bits in a physical broadcast channel (PBCH). Once the MTC device identifies the MTC channel it may communicate with one or more cells during a frame or during a sub frame. The MTC device may determine channel metrics of the cells from the MTC communication and may identify a cell with which to associate from the channel metrics. The association may be to a best downlink cell or a best uplink cell based on the operating profile of the MTC device.



No. of Pages : 100 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2152/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPLICATION CONTROLLED GRANULARITY FOR POWER EFFICIENT CLASSIFICATION

(51) International classification :G06F1/32,H04M1/725
(31) Priority Document No :13/835596
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017236
Filing Date :20/02/2014
(87) International Publication No :WO 2014/143515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GROKOP Leonard Henry
2)TEAGUE Edward Harrison

(57) Abstract :
Systems and methods for providing application controlled power efficient context (state) classification are described herein. An apparatus for performing context classification with adjustable granularity as described herein includes a classifier controller configured to receive a request for a context classification and a granularity input associated with the request; and a context classifier communicatively coupled to the classifier controller and configured to receive the request and the granularity input from the classifier controller to select a resource usage level for the context classification based on the granularity input wherein a granularity input indicating a higher granularity level is associated with a higher resource usage level and a granularity input indicating a lower granularity level is associated with a lower resource usage level and to perform the context classification at the selected resource usage level.

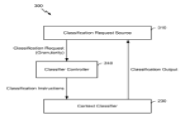

FIG. 3

No. of Pages : 52 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2062/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING A CHANNEL VARIATION METRIC

(51) International classification :H04B7/04,H04B7/06
(31) Priority Document No :13/787041
(32) Priority Date :06/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018697
Filing Date :26/02/2014
(87) International Publication No :WO 2014/137704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VAN NEE Didier Johannes Richard

(57) Abstract :
A method for determining a channel variation metric by an electronic device is described. The method includes receiving a first packet. The method also includes receiving a second packet. The method further includes determining a channel variation metric that approximates a mean square error value based on a first channel estimate corresponding to a first packet and a second channel estimate corresponding to a second packet. The method additionally includes performing an operation based on the channel variation metric.

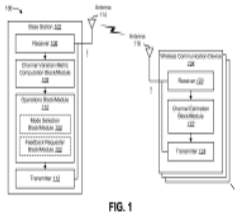

FIG. 1

No. of Pages : 58 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015
(21) Application No.2063/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADAPTIVE AND EXTENSIBLE UNIVERSAL SCHEMA FOR HETEROGENEOUS INTERNET OF THINGS (IOT) DEVICES

(51) International classification	:H04L12/28,H04L12/08,H04W4/00
(31) Priority Document No	:61/769060
(32) Priority Date	:25/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/018249 :25/02/2014
(87) International Publication No	:WO 2014/131001
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)SHARMA Sandeep
2)SHUMAN Mohammed Ataur Rahman
3)GOEL Amit
4)AGGARWAL Ashutosh
5)GUPTA Binita

(57) Abstract :
The disclosure is related to determining an association among Internet of Things (IoT) devices. A first IoT device receives an identifier of a second IoT device obtains a schema of the second IoT device based on the identifier of the second IoT device and determines whether or not there is an association between the first IoT device and the second IoT device based on a schema of the first IoT device and the schema of the second IoT device where the schema of the first IoT device comprises schema elements and corresponding values of the first IoT device and the schema of the second IoT device comprises schema elements and corresponding values of the second IoT device.

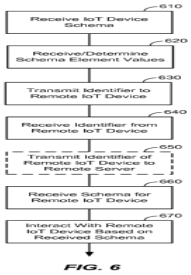

FIG. 6

No. of Pages : 53 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2064/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR ENHANCED MIMO OPERATION

(51) International classification :H04B7/06
(31) Priority Document No :61/775016
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021911
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GEIRHOFER Stefan
2)GAAL Peter
3)CHEN Wanshi
4)XU Hao

(57) Abstract :
A method for channel state information (CSI) reporting by a wireless communication device is described. The method includes determining a codebook for a CSI report corresponding to four transmit antenna (4Tx) transmissions from a base station. The codebook has a dual codebook structure. The method also includes generating the CSI report using the codebook. The method further includes transmitting the CSI report to a base station.

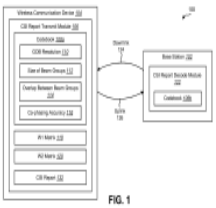

FIG. 1

No. of Pages : 50 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2065/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OUTPUT MANAGEMENT FOR PRESS TO TRANSMIT COMMUNICATIONS

(51) International classification :H04W4/10,H04L29/06
(31) Priority Document No :13/796455
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023153
Filing Date :11/03/2014
(87) International Publication No :WO 2014/164662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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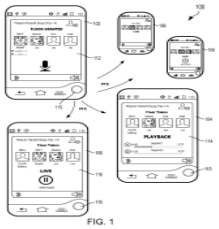
1)KERGER Kameron Noell
2)LINDNER Mark Aaron
3)KONERTZ Anne Katrin

(57) Abstract :
Methods systems and devices are provided for managing press to transmit (PTX) communications on a PTX device including include receiving at a recipient PTX device a first indication that a floor grant has been granted to an originating PTX device.
Also determining whether a PTX message segment from the originating PTX device should be buffered for delayed playback by the recipient PTX device. Further transmitting a buffer signal based on determining the PTX message segment should buffered the buffer signal indicating one of a request to buffer the PTX message segment and a recipient storage indication signifying the PTX message segment will be stored in a memory of the recipient PTX device. Further still transmitting a ready signal indicating the recipient PTX device is ready to output PTX message segments.



No. of Pages : 83 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2160/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPLEMENTING A FRONT END PARTITION OF A WIRELESS MODEM

(51) International classification :H04W88/06,H04B1/00,H04B1/38
(31) Priority Document No :13/831265
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021663
Filing Date :07/03/2014
(87) International Publication No :WO 2014/159039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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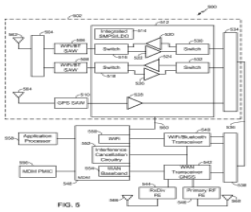
(72)**Name of Inventor :**
1)SAHOTA Gurkanwal S.

(57) Abstract :
Implementing a front end partition of a wireless modems. A wireless communication apparatus includes a wireless local area network WLAN modem including a first chip including a first portion of the WL AN modem configured to process signals and a second chip including a second portion of the WLAN modem. The wireless communication apparatus further includes a wide area network WAN modem. The wireless communication apparatus further includes a combining circuit configured to combine the signals processed by the first portion and a transmission line configured to transmit the combined signals to the second chip and the WAN modem. The wireless communication apparatus further includes a data modem including interference cancellation circuitry configured to cancel interference between the WLAN modem and the WAN modem.



No. of Pages : 48 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2066/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF A FLUID POLYMERIC COMPOSITION FOR ENCAPSULATING PHOTOVOLTAIC MODULES

(51) International classification	:H01L31/048, C08F 210/00
(31) Priority Document No	:1351014
(32) Priority Date	:06/02/2013
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2014/050207 :04/02/2014
(87) International Publication No	:WO 2014/122392
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)CORFIAS ZUCCALLI Catherine
3)CAMINADE Sophie
4)LAURICHESSE Christian

(57) Abstract :
The invention concerns the use of a polymeric composition as an encapsulant in a photovoltaic module said polymeric composition comprising a copolymer that comprises an ethylene monomer and a carboxylic acid vinyl ester comonomer in particular an ethylene vinyl acetate copolymer and the polymeric composition having a Brookfield viscosity measured at 120°C of between 10 000 mPa.s and 25 000 mPa.s. The invention further concerns a method for encapsulating a photovoltaic module using this polymeric composition.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2068/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTISTATIC AGENT ANTISTATIC AGENT COMPOSITION ANTISTATIC RESIN COMPOSITION AND MOLDED BODY

(51) International classification	:C09K3/16,C08G63/91,C08G81/00
(31) Priority Document No	:2013010555
(32) Priority Date	:23/01/2013
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2014/051203 :22/01/2014
(87) International Publication No	:WO 2014/115745
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)NAKAMURA Tatsuhito
2)NOMURA Kazukiyo

(57) Abstract :
Provided is an antistatic agent that has sufficient persistence and resistance to being wiped off a small amount of which can impart an excellent antistatic effect. Also provided are an antistatic agent composition an antistatic resin composition and a molded body. This antistatic agent comprises a polymer compound (E) having a structure in which a block polymer (C) and an epoxy compound (D) are bonded by an ester bond formed by a carboxyl group in the block polymer (C) and an epoxy group in the epoxy compound (D) wherein: the block polymer (C) has a structure in which carboxyl groups are provided at respective ends thereof and is made by bonding repeatedly and alternately blocks constituted by a polyester (A) having carboxyl groups at respective ends thereof and blocks constituted by a compound (B) having hydroxyl groups at respective ends thereof the blocks being bonded by ester bonds each formed by the carboxyl group and the hydroxyl group; and the epoxy compound (D) includes two or more epoxy groups.

No. of Pages : 51 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2162/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SERVER BASED MOBILE DEVICE REGIONAL CANDIDATE POSITION FIX MODE SELECTION

(51) International classification :G01S19/46,G01S19/48,G01S5/02
(31) Priority Document No :13/797609
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024361
Filing Date :12/03/2014
(87) International Publication No :WO 2014/165096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VENKATRAMAN Sai Pradeep
2)GAO Weihua
3)WERNER Benjamin A.
4)ZHANG Gengsheng

(57) Abstract :
Various methods apparatuses and/or articles of manufacture are provided for use by an electronic device to generate a recommended candidate position fix mode to a mobile device for use in a particular region of an environment. Such a candidate position fix mode may for example be selected from a plurality of wireless signal based positioning modes comprising at least: a first wireless signal based positioning mode based on first wireless signals transmitted by a terrestrial based transmitting device a second wireless signal based positioning mode based on second wireless signals transmitted a satellite based transmitting device and a third wireless signal based positioning mode based on a combination of the first wireless signals and the second wireless signals. In certain example implementations assistance data indicative of at least the candidate position fix mode may be transmitted to the mobile device.

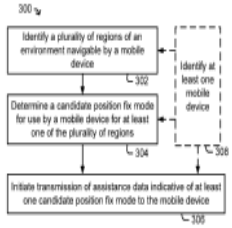

FIG. 3

No. of Pages : 48 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2163/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SAFETY SWITCHING DEVICE WITH A SAFE POWER SUPPLY UNIT

(51) International classification :H02H3/05,H02H3/20,H02H7/12
(31) Priority Document No :10 2013 101 050.4
(32) Priority Date :01/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/051883
Filing Date :31/01/2014
(87) International Publication No:WO 2014/118316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PILZ GMBH & CO. KG
Address of Applicant :Felix Wankel Str. 2 73760 Ostfildern Germany
(72)**Name of Inventor :**
1)RICHTER Sebastian
2)LE Kim
3)R–HMANN Stefan

(57) Abstract :
A safety switching device (10) for failsafe switching on and off of a technical installation (11) has an input (24) for picking up an input signal and a failsafe control/evaluation unit (28) which processes the input signal and generates as a function thereof an output signal for switching the technical installation (11) on and off. The safety switching device also has a power supply unit (50) having an earth terminal (60) for making available at least one operating voltage for the control/evaluation unit (28) wherein the power supply unit (50) picks up an input voltage via a feed line (52) and makes available a defined output voltage on the output side. The power supply to the power supply unit (50) is interrupted if the instantaneous output voltage is higher than the defined output voltage. The interruption takes place in that a first and a second switching element (54 56) which are connected in series connect the input (58) of the power supply unit to ground (60) and by means of an interrupter element (62) in the feed line (52) which interrupter element (62) triggers when the first and second switching elements (54 56) are in the closed low impedance state. Arranged between the first and the second switching elements (54 56) is a reference point (64) which has a voltage value which is a first anticipated value (66) when the first switching element (54) is in the closed low impedance state and the second switching element (56) is in the open state and a second anticipated value (68) when the first switching element (54) is in the open state and the second switching element (56) is in the closed low impedance state.

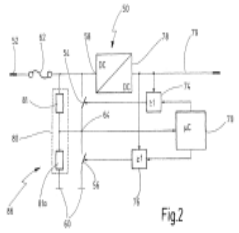
Fig.2

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2015

(21) Application No.2061/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PARALLEL PROCESSING FOR VIDEO CODING

(51) International classification	:H04N19/17,H04N19/33,H04N19/70
(31) Priority Document No	:61/773095
(32) Priority Date	:05/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/020711 :05/03/2014
(87) International Publication No	:WO 2014/138217
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)RAPAKA Krishnakanth
2)LI Xiang
3)CHEN Jianle
4)WANG Ye Kui
5)PU Wei

(57) Abstract :
In one example a device for coding video data includes a video coder configured to code data representative of whether a tile of an enhancement layer picture can be predicted using inter layer prediction and predict data of the tile using inter layer prediction only when the data indicates that the tile can be predicted using inter layer prediction.

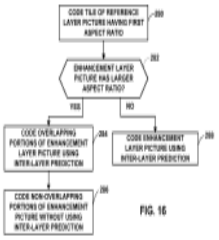

FIG. 16

No. of Pages : 86 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2156/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADAPTIVE DATA PATH FOR COMPUTER VISION APPLICATIONS

(51) International classification :G06T1/20
(31) Priority Document No :13/797580
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018943
Filing Date :27/02/2014
(87) International Publication No :WO 2014/158635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RABII Khosro Mohammad
2)MACDOUGALL Francis Bernard
3)HILDRETH Evan Robbert

(57) Abstract :
Embodiments of the present invention provide an adaptive data path for computer vision applications. Utilizing techniques provided herein the data path can adapt to the needs of a computer vision application to provide the needed data. The data path can be adapted by applying one or more filters to image data from one or more sensors. Some embodiments may utilize a computer vision processing unit comprising a specialized instruction based in line processor capable of interpreting commands from a computer vision application.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2157/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENCODER DECODER AND METHOD

(51) International classification :H03M7/30
(31) Priority Document No :1303661.1
(32) Priority Date :01/03/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2014/000510
Filing Date :27/02/2014
(87) International Publication No :WO 2014/131517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KALEVO Ossi

(57) Abstract :
There is provided an encoder (10) for encoding input data (D1) including a sequence of numerical values to generate corresponding encoded output data (D2 or D3) characterized in that the encoder (10) includes a data processing arrangement for applying to the input data (D1) a form of differential and/or sum encoding to generate one or more corresponding encoded sequences wherein the one or more corresponding encoded sequences are subjected to a wrap around a maximum value and/or a wrap around a minimum value for generating the encoded output data (D2 or D3). Moreover there is provided a decoder (20) for decoding encoded data (D2 D3 or D4) to generate corresponding decoded output data (D5) characterized in that the decoder (20) includes a data processing arrangement for processing one or more portions of the encoded data (D2 D3 or D4) wherein the data processing arrangement is operable to apply a form of differential and/or sum decoding to one or more corresponding encoded sequences of the one or more portions wherein the one or more encoded sequences are subjected to a wrap around a maximum value and/or a wrap around a minimum value for generating the decoded output data (D5). Furthermore there is provided a codec (30) including at least one encoder (10) as aforementioned for encoding input data (D1) to generate corresponding encoded data (D2 or D3) and at least one decoder (20) as aforementioned for decoding the encoded data (D2 D3 or D4) to generate corresponding decoded data (D5). The codec (30) is capable of providing an enhanced degree of data compression in respect of the decoded output data (D5).

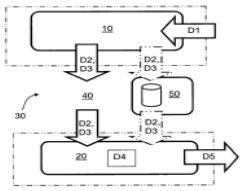

FIG. 1

No. of Pages : 54 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2158/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICES AND METHODS OF PROVIDING RESPONSE MESSAGE IN THE DEVICES

(51) International classification	:H04W4/16,H04W4/12,H04W88/02, H04M 3/00
(31) Priority Document No	:61/983117
(32) Priority Date	:23/04/2014
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2015/004050 :23/04/2015
(87) International Publication No	:WO 2015/163704
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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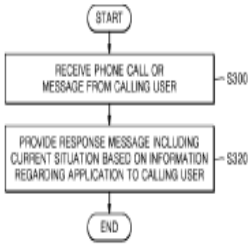
(72)**Name of Inventor :**
1)CZARNECKI Piotr
2)KEDZIA Agata
3)WNOROWSKI Mariusz
4)KANG Seung soo

(57) Abstract :
A device includes a communication unit configured to receive a call request from a calling user; and a control unit configured to control the communication unit to provide a response message including information about a current situation based on information about an application currently being executed to the calling user in response to a rejection regarding the call request.



No. of Pages : 165 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2015

(21) Application No.1936/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FASTING LEVELS OF GROWTH HORMONE AS A PREDICTIVE MARKER OF CARDIOVASCULAR RISK

(51) International classification :G01N33/74
(31) Priority Document No :13150566.1
(32) Priority Date :08/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050143
Filing Date :07/01/2014
(87) International Publication No :WO 2014/108396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Neuendorfstr. 15a 16761 Hennigsdorf Germany
(72)**Name of Inventor :**
1)BERGMANN Andreas

(57) Abstract :
Subject matter of the present invention is a method for predicting the cardiovascular risk or the total mortality risk in a subject comprising: determining the fasting level of growth hormone (hGH) and/or its isoforms in a bodily fluid obtained from said subject; and correlating said fasting level of growth hormone (hGH) and/or its isoforms with a cardiovascular risk or the total mortality risk wherein an enhanced level is predictive for an enhanced risk.

No. of Pages : 45 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2075/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DYNAMIC PROMOTIONAL LAYOUT MANAGEMENT AND DISTRIBUTION RULES

(51) International classification :G06F17/30,G06T11/00,G06Q30/02
(31) Priority Document No :61/757277
(32) Priority Date :28/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050032
Filing Date :13/01/2014
(87) International Publication No :WO 2014/115136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANDERLING MANAGEMENT LIMITED
Address of Applicant :PO Box 3483 Road Town Tortola VIRGIN ISLANDS
(72)**Name of Inventor :**
1)JACOBS Michael

(57) Abstract :
Systems methods and computer readable products are provided for enabling dynamic loading of one or more digital image branding functions associated with one or more distribution rules. A distribution rule is used to target a group of end users that are selected from a dataset mapping a plurality of end users according to one or more distribution rules. Instructions are forwarded to present an indication the digital image branding function to each member of the end users group.

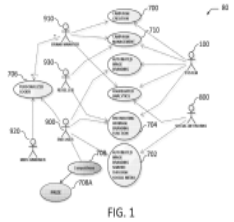

FIG. 1

No. of Pages : 56 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2076/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TANK WALL COMPRISING A THROUGH ELEMENT

(51) International classification :F17C3/02,F17C13/12
(31) Priority Document No :1351584
(32) Priority Date :22/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050265
Filing Date :11/02/2014
(87) International Publication No :WO 2014/128381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BOUGAULT Johan
2)DURAND Sbastien

(57) Abstract :
A sealed and thermally insulated tank arranged in a carrier structure (1) to contain a fluid said tank comprising walls fixed to said carrier structure a tank wall having a primary sealing barrier a primary insulating barrier a secondary sealing barrier and a secondary insulating barrier the tank comprising a through element disposed through the tank wall in which the tank wall around the through element comprises: secondary insulating blocks disposed on the wall of the carrier structure around the through element being covered with a first sealed layer forming the secondary sealing barrier a circular plate disposed parallel to the tank wall at the same level as the first sealed layer forming the secondary sealing barrier a second sealed layer (723a d) sealingly fixed so as to overlap the first sealed layer and the circular plate all around the circular plate.

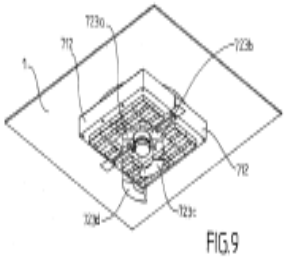

FIG.9

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2077/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATED THREE DIMENSIONAL PRINTER PART REMOVAL

(51) International classification :B29C67/00,B29C37/00
(31) Priority Document No :61/759686
(32) Priority Date :01/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014078
Filing Date :31/01/2014
(87) International Publication No :WO 2014/121032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PEREZ Alfonso Alexander
2)HAID Christopher Michael
3)PIEPER Forrest W.
4)PENA DOLL Mateo

(57) Abstract :
Three dimensional printing system with automated part removal. In one embodiment the system includes a printing surface on which a part is made and a printing device supported for controlled movement with respect to the printing surface to print the part on the printing surface. A blade is supported for motion across the printing surface to release the part from the printing surface. The present printing system according to the invention requires fewer user steps than known in the prior art.

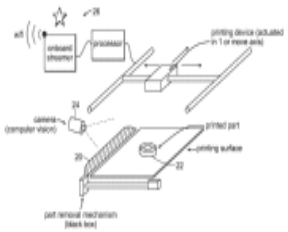

FIG. 3

No. of Pages : 27 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2172/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INSECT TRAP DEVICE AND METHOD OF USING

(51) International classification :A01M1/04
(31) Priority Document No :61/771774
(32) Priority Date :01/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019175
Filing Date :28/02/2014
(87) International Publication No :WO 2014/134371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SANDFORD Andrew
2)LAZARCHIK Daniel
3)LIEBERWIRTH Lars
4)SCHAEFER Hans Peter

(57) Abstract :
An insect trap device and methods of using the device are described herein. In some embodiments an insect trap includes a light source a removable enclosure with at least one opening an adhesive surface at least partially within the enclosure and optics to redirect light from the light source onto an adhesive trapping surface. The light source may include at least one light emitting diode (LED). The optics may be attached to the removable enclosure and may be located at least partially within the enclosure. The optics may include optical enhancers such as a reflector a lens and/or a diffuser. The insect trap may further include an insect attractant that emits sound or scent.

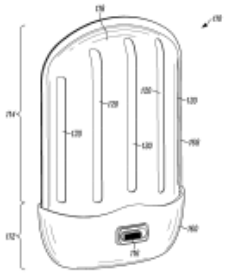

Fig. 1

No. of Pages : 79 No. of Claims : 117

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2072/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS INPUT APPARATUS AND METHOD FOR COMPENSATING COORDINATES USING THE SAME

(51) International classification :G06F3/03,G06F3/048
(31) Priority Document No :1020130000336
(32) Priority Date :02/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000010
Filing Date :02/01/2014
(87) International Publication No :WO 2014/107027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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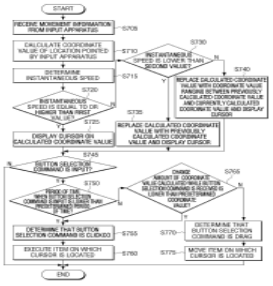
1)MOON Jong bo
2)CHOI Eun seok
3)SOH Byung seok
4)CHOI Sang on

(57) Abstract :
A display apparatus an input apparatus and a method for compensating coordinates using the same. A method for compensating coordinates using a display apparatus includes receiving movement information from an input apparatus calculating a coordinate value based on the movement information and displaying a cursor on the calculated coordinate value. When a button selection command is received from the input apparatus replacing a coordinate value calculated after receiving the button selection command with a coordinate value of a stable position calculated before receiving the button selection command and displaying the cursor on the replaced coordinate value and manipulating an item on which the cursor is located according to the button selection command. Accordingly the user may locate a cursor on the location that the user wants and execute a display item.



No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2073/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER LAYER REFERENCE PICTURE CONSTRUCTION FOR SPATIAL SCALABILITY WITH DIFFERENT ASPECT RATIOS

(51) International classification	:H04N19/167,H04N19/187,H04N19/597
(31) Priority Document No	:61/773102
(32) Priority Date	:05/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/019958 :03/03/2014
(87) International Publication No	:WO 2014/137920
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)RAMASUBRAMONIAN Adarsh Krishnan
2)CHEN Ying
3)LI Xiang
4)WANG Ye Kui

(57) Abstract :
A method of coding video data includes upsampling at least a portion of a reference layer picture to an upsampled picture having an upsampled picture size. The upsampled picture size has a horizontal upsampled picture size and a vertical upsampled picture size. At least one of the horizontal or vertical upsampled picture sizes may be different than a horizontal picture size or vertical picture size respectively of an enhancement layer picture. In addition position information associated with the upsampled picture may be signaled. An inter layer reference picture may be generated based on the upsampled picture and the position information.

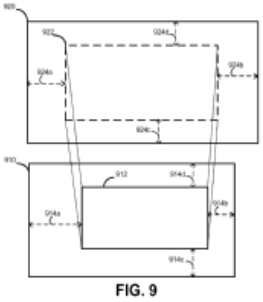

FIG. 9

No. of Pages : 66 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2170/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPLICATION UPGRADE METHOD AND DEVICE

(51) International classification :G06F9/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/081410
Filing Date :13/08/2013
(87) International Publication No :WO 2015/021604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZHU Jie
2)ZHANG Chuxiong
3)ZHANG Yi

(57) Abstract :
Provided are an application upgrade method and device which are applied in the field of cloud computing and can guarantee normal operating of an application after upgrade. The application upgrade method is used for an application deployment server and comprises: receiving an application deployment request; determining an application deployment packet and an upgrade packet to be deployed; determining that the version of a first platform node is lower than the version requirement of an application node template to be deployed on a first platform node template; acquiring a first platform node upgrade packet satisfying the version requirement of the application node template to be deployed on the first platform node template; using the first platform node upgrade packet to upgrade the first platform node indicated by the identification of the first platform node; determining the identification of the application node to be upgraded; and using the application deployment packet to be deployed to upgrade the application node indicated by the identification of the application node to be upgraded. An application upgrade method and device are provided to be applied to the application upgrade of the field of cloud computing.

No. of Pages : 90 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2099/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING SCAN OPERATIONS

(51) International classification :H04W48/16, G09G 3/00
(31) Priority Document No :13/797331
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022219
Filing Date :10/03/2014
(87) International Publication No :WO 2014/164385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAS Saumitra Mohan
3)GAO Weihua
4)SRIDHARA Vinay

(57) Abstract :
Various methods apparatuses and/or articles of manufacture are provided which may be implemented for use by a mobile device to alter a scan operation. Various methods apparatuses and/or articles of manufacture are provided which may be implemented for use by one or more electronic devices to determine one or more scan factors for use by a mobile device in altering a scan operation.

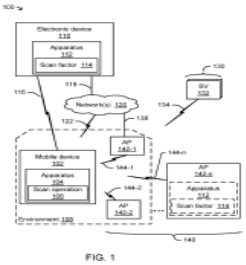

FIG. 1

No. of Pages : 47 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015
(21) Application No.2187/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED STREAMING METHOD AND SYSTEM FOR PROCESSING NETWORK METADATA

(51) International classification :G06F11/00
(31) Priority Document No :61/751243
(32) Priority Date :10/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010932
Filing Date :09/01/2014
(87) International Publication No :WO 2014/110293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BALABINE Igor
2)VELEDNITSKY Alexander

(57) Abstract :
An improved method and system for processing network metadata is described. Network metadata may be processed by dynamically instantiated executable software modules which make policy based decisions about the character of the network metadata and about presentation of the network metadata to consumers of the information carried by the network metadata. The network metadata may be type classified and each subclass within a type may be mapped to a definition by a unique fingerprint value. The fingerprint value may be used for matching the network metadata subclasses against relevant policies and transformation rules. For template based network metadata such as NetFlow v9 an embodiment of the invention can constantly monitor network traffic for unknown templates capture template definitions and informs administrators about templates for which custom policies and conversion rules do not exist. Conversion modules can efficiently convert selected types and/or subclasses of network metadata into alternative metadata formats.

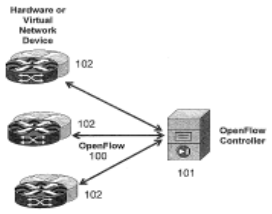

Fig.1

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2188/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS AND DISPLAY METHOD THEREOF

(51) International classification :H04N13/04,G09G3/20
(31) Priority Document No :10-2013-0001802
(32) Priority Date :07/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000163
Filing Date :07/01/2014
(87) International Publication No :WO 2014/107099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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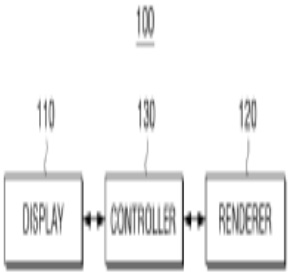
(72)**Name of Inventor :**
1)HWANG Dong choon
2)KANG Ki hyung
3)YOON Jung hoon

(57) Abstract :
A display apparatus includes a display panel which includes a plurality of sub pixels each outputting a sub pixel value of R G or B a renderer which renders a multi view image to be outputted by the display and a controller which determines a rendering pitch according to a viewing distance of a user and controls the renderer so that each of at least some of the plurality of sub pixels outputs a combined sub pixel value corresponding to a combination of sub pixel values corresponding to each of the plurality of views of the multi view image according to the determined rendering pitch.



No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2189/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVED RESELECTION DURING MODE TRANSITIONS

(51) International classification :H04W48/20,H04W48/16
(31) Priority Document No :61/775991
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020739
Filing Date :05/03/2014
(87) International Publication No :WO 2014/164131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Fan
2)TAMBARAM KAILASAM Sundaresan
3)HU An Swol Clement
4)KHAN QAZI Uzma

(57) Abstract :
The present disclosure presents a method and apparatus for improved reselection during mode transitions at a user equipment UE. For example the disclosure presents a method for identifying (502) that a user equipment UE has started switching from a first priority scheduling mode to a second priority scheduling mode while making measurements for reselection. In addition such an example method may include initiating (504) a mode transition timer in response to the identification and triggering (506) a search for one or more frequencies of the second priority scheduling mode upon expiration of the mode transition timer.

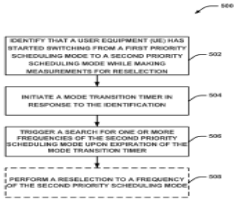

FIG. 5

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2192/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MONITORING A PROXIMITY OF A PERSONAL ITEM AND AUTOMATICALLY ASSIGNING SAFE AND UNSAFE ZONES

(51) International classification :H04W12/12,H04W4/02,H04W4/04
(31) Priority Document No :13/799486
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018622
Filing Date :26/02/2014
(87) International Publication No :WO 2014/163890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HALL Eric M.
2)GROKOP Leonard Henry

(57) Abstract :
Systems and methods for monitoring the proximity of a personal item (104) are provided. Systems and methods as provided herein allow a computing device (102) to monitor the proximity of a personal item (104) by generating an alert when wireless communications between the computing device (102) and the personal item (104) are lost in an unsafe zone to remind a user of the computing device (102) about the personal item (104) in an attempt to prevent leaving the personal item (104) in the unsafe zone where it may be susceptible to theft or loss. The provided systems and methods also automatically assign safe zones by analyzing clusters of location data points obtained by the computing device (102) over time to determine a home location (502) and an office location (504) assigning the home location and the office location as safe zones (508) and assigning all other locations as unsafe (510). A user may further manually designate locations as safe zones.

FIG. 7

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2193/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MIXED MEMORY TYPE HYBRID CACHE

(51) International classification :G06F12/08
(31) Priority Document No :13/843190
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025971
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DONG Xiangyu
2)SUH Jungwon

(57) Abstract :
A hybrid cache includes a static random access memory (SRAM) portion and a resistive random access memory portion. Cache lines of the hybrid cache are configured to include both SRAM macros and resistive random access memory macros. The hybrid cache is configured so that the SRAM macros are accessed before the resistive random memory macros in each cache access cycle. While SRAM macros are accessed the slower resistive random access memory reach a data access ready state.

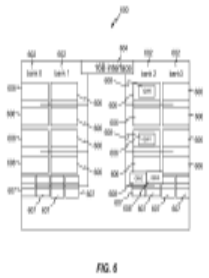

FIG. 6

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2194/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUB-BAND SCANNING TECHNIQUES FOR ENTROPY CODING OF SUB-BANDS

(51) International classification :H04N 7/26
(31) Priority Document No :60/946,358
(32) Priority Date :26/06/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/068241
Filing Date :25/06/2008
(87) International Publication No :WO/2009/003065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :43/MUMNP/2010
Filed on :08/01/2010

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1)CHUNG, Hyukjune
2)KARCZEWICZ, Marta

(57) Abstract :
This disclosure describes techniques useful in the encoding and/or decoding of video data of a video sequence. In general, this disclosure sets forth scanning techniques useful in the context of sub-band coding, which may improve the level of compression that can be achieved by entropy coding following sub-band coding. In one example, a method of encoding video data of a video sequence comprises sub-band encoding the video data to generate a plurality of sub-bands, scanning each of the sub-bands from two-dimensional blocks into one-dimensional vectors based on scan orders defined for each of the sub-bands, and entropy encoding each of the scanned sub-bands.

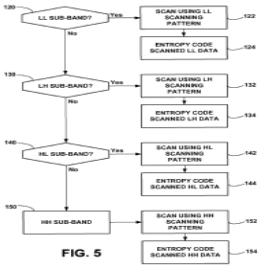

FIG. 5

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2195/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STRUCTURAL IMPROVEMENT OF UPPER COVER OF INTELLIGENT STORAGE BATTERY

(51) International classification :H01M2/04
(31) Priority Document No :201320071058.6
(32) Priority Date :07/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072325
Filing Date :08/03/2013
(87) International Publication No :WO 2014/121533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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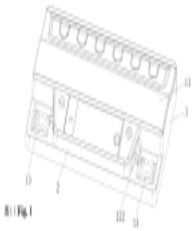
1)KE Zhimin
2)CAI Weixin

(57) Abstract :
Disclosed is a structural improvement of an upper cover of an intelligent storage battery. A circuit mounting area and a terminal mounting area are provided on an upper surface of an upper cover body; a cap is fixedly covered on the circuit mounting area; a liquid crystal display screen and a circuit board are sequentially and flatly mounted on an inner lateral surface of a top plate of the cap; a conductive adhesive tape is clamped between one end of the liquid crystal display screen and a corresponding lateral plate of the cap; a connection terminal which is in corresponding contact with the bottom of the conductive adhesive tape for electrical connection and is formed by copper cladding is arranged on the circuit board; and the top plate is inclined downward and outward. The inclined plate has a large mounting area and can be correspondingly provided with a liquid crystal display screen with a large area so that the display effect of the liquid crystal display screen is good; and furthermore the conductive adhesive tape is staggered with the edge of the circuit board and is in large area reliable contact with the connection terminal formed by cladding copper on the circuit board so that the reliability of electrical connection between the conductive adhesive tape and the connection terminal is improved.



No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2086/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CROSS CORRELATION MITIGATION ALGORITHMS FOR GNSS SYSTEMS USING COMMON OVERLAY CODES

(51) International classification :G01S19/21,G01S19/30
(31) Priority Document No :13/801631
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025239
Filing Date :13/03/2014
(87) International Publication No :WO 2014/159817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HOANG Duong Anh
2)SIMIC Emilija Milorad
3)PALS Timothy Paul

(57) Abstract :
Methods and systems for evaluating Global Navigation Satellite System (GNSS) signals are provided. Each of a first GNSS signal received by a GNSS receiver and a second GNSS signal received by the GNSS receiver is accessed. The second GNSS signal can have temporal fluctuations weaker than temporal fluctuations in the first GNSS signal. A delay between a sequence in the first GNSS signal and a corresponding sequence signal in the second GNSS signal is estimated and compared to a threshold. Upon determining that the delay exceeds the threshold a location is estimated using both the first GNSS signal and the second GNSS signal.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2196/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIQUID DISTRIBUTION DEVICE UTILIZING PACKED DISTRIBUTION TROUGHS AND A MASS TRANSFER COLUMN AND PROCESS INVOLVING SAME

(51) International classification :B01D3/00,B01F3/04
(31) Priority Document No :61/760495
(32) Priority Date :04/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012395
Filing Date :21/01/2014
(87) International Publication No :WO 2014/120516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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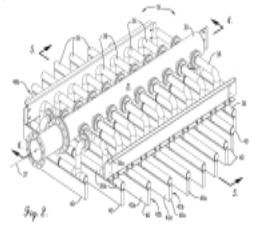
2)NIEUWOUDT Izak
3)PILE Stephen Andrew

(57) Abstract :
A flow distributor for a liquid descending in a vertically elongated mass transfer column a mass transfer column employing the same and a method of treating a fluid stream in the mass transfer column is provided. The flow distributor includes a central distribution member for passing liquid to a plurality of outwardly extending side arm members which in turn feed the liquid into a plurality of distribution troughs located below the elongated side members. The distribution troughs which may be oriented substantially perpendicularly or substantially parallel to the elongated side members include a bed of packing material disposed therein. Use of such distributors in vapor liquid or liquid liquid columns results in more uniform horizontal distribution of the liquid across the diameter of the column.



No. of Pages : 40 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2197/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DECODER ENCODER AND METHOD FOR INFORMED LOUDNESS ESTIMATION EMPLOYING BY PASS AUDIO OBJECT SIGNALS IN OBJECT BASED AUDIO CODING SYSTEMS

(51) International classification :G10L19/008
(31) Priority Document No :13194664.2
(32) Priority Date :27/11/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/075801
Filing Date :27/11/2014
(87) International Publication No :WO 2015/078964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DISCH Sascha
3)FUCHS Harald
4)GRILL Bernhard
5)HELLMUTH Oliver
6)MURTAZA Adrian
7)RIDDERBUSCH Falko
8)TERENTIV Leon

(57) Abstract :
A decoder for generating an audio output signal comprising one or more audio output channels is provided. The decoder comprises a receiving interface (110) for receiving an audio input signal comprising a plurality of audio object signals for receiving loudness information on the audio object signals and for receiving rendering information indicating whether one or more of the audio object signals shall be amplified or attenuated. Moreover the decoder comprises a signal processor (120) for generating the one or more audio output channels of the audio output signal. The signal processor (120) is configured to determine a loudness compensation value depending on the loudness information and depending on the rendering information. Furthermore the signal processor (120) is configured to generate the one or more audio output channels of the audio output signal from the audio input signal depending on the rendering information and depending on the loudness compensation value. One or more by pass audio object signals are employed for generating the audio output signal Moreover an encoder is provided.

FIG 1

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2198/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE PROCESSING APPARATUS CONTROL METHOD THEREOF AND IMAGE PROCESSING SYSTEM

(51) International classification	:H04N21/4227,H04N21/4722,G06G3/00
(31) Priority Document No	:10-2013-0005314
(32) Priority Date	:17/01/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/009100 :11/10/2013
(87) International Publication No	:WO 2014/112706
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEE Joo yeong
2)PARK Sang shin
3)PARK Jong cheol

(57) Abstract :
An image processing apparatus includes an image processor; an audio input to input a user s speech; a storage to store at least one simple sentence voice command and an operation corresponding to the simple sentence voice command; a communication device to communicate with a server that analyzes a descriptive sentence voice command and determine an operation corresponding to the descriptive sentence voice command; an audio processor to process a first voice command corresponding to the speech and conduct the operation corresponding to the simple sentence voice command if the first voice command is the simple sentence voice command and to transmit the first voice command to the communication device if the first voice command is not the simple sentence voice command; and a controller configured to display a first guide image which recommends the simple sentence voice command stored in the storage if the corresponding operation for the first voice command determined by the server is identical to one of the at least one simple sentence voice command stored in the storage.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

(21) Application No.2112/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EFFICIENT N FACTORIAL DIFFERENTIAL SIGNALING TERMINATION NETWORK

(51) International classification :H04L25/02
(31) Priority Document No :61/774408
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022031
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138658
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SENGOKU Shoichiro
2)WILEY George Alan
3)LEE Chulkyu
4)CHEUNG Joseph

(57) Abstract :
A termination network circuit for a differential signal transmitter comprises a plurality of n resistance elements and a plurality of differential signal drivers. A first end of each of the resistance elements is coupled at a common node where n is an integer value and is the number of conductors used to transmit a plurality of differential signals. Each differential signal driver may include a positive terminal driver and a negative terminal driver. The positive terminal driver is coupled to a second end of a first resistance element while the negative terminal driver is coupled to a second end of a second resistance element. The positive terminal driver and the negative terminal driver are separately and independently switchable to provide a current having a magnitude and direction. During a transmission cycle each of the resistance elements has a current of a different magnitude and/or direction than the other resistance elements.

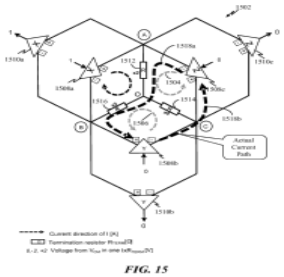

FIG. 15

No. of Pages : 59 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2113/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METAL OXIDE SEMICONDUCTOR (MOS) ISOLATION SCHEMES WITH CONTINUOUS ACTIVE AREAS SEPARATED BY DUMMY GATES AND RELATED METHODS

(51) International classification	:H01L21/8238,H01L21/765,H01L27/02
(31) Priority Document No	:13/799955
(32) Priority Date	:13/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/022263 :10/03/2014
(87) International Publication No	:WO 2014/159160
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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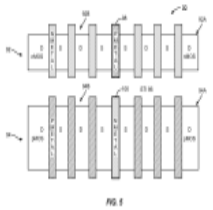
(72)**Name of Inventor :**
1)YANG Bin
2)LI Xia
3)CHIDAMBARAM Pr

(57) Abstract :
Embodiments disclosed in the detailed description include metal oxide semiconductor (MOS) isolation schemes with continuous active areas separated by dummy gates. A MOS device includes an active area formed from a material with a work function that is described as either an n metal or a p metal. Active components are formed on this active area using materials having a similar work function. Isolation is effectuated by positioning a dummy gate between the active components. The dummy gate is made from a material having an opposite work function relative to the material of the active area. For example if the active area was a p metal material the dummy gate would be made from an n metal and vice versa.



No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2114/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CODING MULTILAYER VIDEO METHOD AND APPARATUS FOR DECODING MULTILAYER VIDEO

(51) International classification :H04N19/31,H04N19/187
(31) Priority Document No :61/751053
(32) Priority Date :10/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000336
Filing Date :10/01/2014
(87) International Publication No :WO 2014/109609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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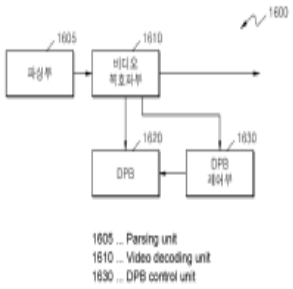
(72)**Name of Inventor :**
1)CHOI Byeong doo
2)PARK Min woo
3)PARK Jeong hoon
4)YOON Jae won

(57) Abstract :
Disclosed are methods for coding and decoding a multilayer video. The method for decoding a multilayer comprises: decoding a first layer picture and saving same to a decoded picture buffer; marking the first layer picture as a short term reference picture; obtaining interlayer RPS information of a second picture layer which has a first POC identical to that of the first layer picture and which is interlayer predicted by referencing the first layer picture; marking the first layer picture which has been marked as the short term reference picture as a long term reference picture based on the interlayer RPS information; and performing interlayer prediction with respect to the second layer picture by referencing the first layer picture which has been marked as the long term reference picture.



No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2210/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A LOCALIZATION BASED BEAMFORMING SCHEME FOR SYSTEMS WITH MULTIPLE ANTENNAS

(51) International classification :H04B7/06
(31) Priority Document No :61/920833
(32) Priority Date :26/12/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/095151
Filing Date :26/12/2014
(87) International Publication No :WO 2015/096809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WU Wen Rong
2)WANG Yun Kai

(57) Abstract :
A method of accurate 3D positioning with reduced cost is proposed. A user equipment (UE) receives a plurality of positioning reference signals (PRSs) from a plurality of base stations. The plurality of base stations includes a serving base station and two neighboring base stations. The UE estimates a plurality of line of sight (LOS) paths and corresponding indexes of the PRSs for time of arrival (TOA) and time difference of arrival (TDOA) measurements. The UE then estimates an elevation angle of the UE based on the estimated LOS paths of the PRS from the serving base station. Finally the system (either UE or network depending on where the coordinates are) can calculate the UE position based on the TDOA measurements and the elevation angle.

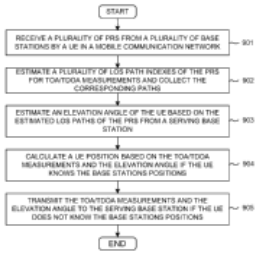

FIG. 9

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2102/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR CHANGING A MATERIAL AND CORRESPONDING EXTRUSION DEVICE

(51) International classification :B29C47/08,B29C47/10,B29C47/00
(31) Priority Document No :10 2013 100 812.7
(32) Priority Date :28/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/072647
Filing Date :29/10/2013
(87) International Publication No :WO 2014/114375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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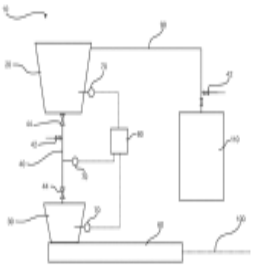
(72)**Name of Inventor :**
1)BACKMANN Martin
2)BUSSMANN Markus
3)AVERMEYER Ansgar
4)KULGEMEYER Tobias

(57) Abstract :
The invention relates to a method for changing a material from a starting material to a subsequent material in an extrusion device (10) for producing extrusion products (100). Said method consists of the following steps: a material change request is detected at least one preparation step for changing the material is carried out the material is changed after the completion of the preparation step.



No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015
(21) Application No.2103/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STRESS STRAIN RELATIONSHIP SIMULATION METHOD SPRING BACK PREDICTION METHOD AND SPRING BACK ANALYZING DEVICE

(51) International classification :G01N3/00,B21D5/01,B21D22/00
(31) Priority Document No :2013051385
(32) Priority Date :14/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/053069
Filing Date :10/02/2014
(87) International Publication No :WO 2014/141794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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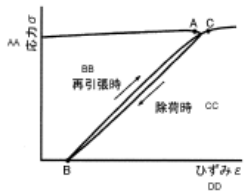
(72)**Name of Inventor :**
1)SUMIKAWA Satoshi
2)ISHIWATARI Akinobu

(57) Abstract :
ijThis method acquires an experimental value for a stress strain relationship by plastically deforming an elastic plastic material by displacing or applying a load on same. A calculator: identifies by using the acquired experimental value a material parameter contained in an elastic plastic constitutive model as a prescribed first formula expressing a kinematic hardening incremental vector (da) for a yield surface in the elastic plastic constitutive model that is defined as the function for stress and back stress; identifies a material parameter contained in a prescribed second formula on the basis of the prescribed first formula into which the identified material parameter is substituted and the acquired experimental value; and simulates the stress strain relationship of the elastic plastic material by using the prescribed first formula and the prescribed second formula into which the identified material parameters are substituted and the elastic plastic constitutive model.



AA Stress
BB During re-tensioning
CC During unloading
DD Strain

No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2206/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VOLTAGE REGULATOR

(51) International classification :G11C5/14,G05F1/46,G05F3/08
(31) Priority Document No :13/842930
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024678
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAINT LAURENT Martin
2)WANG Yuhe

(57) Abstract :
A method includes receiving at a voltage regulator an activity adjustment signal from a digital circuit. The method also includes controlling one or more variable impedance elements of the voltage regulator to modify an output voltage provided to the digital circuit. The output voltage is based at least in part on the activity adjustment signal.

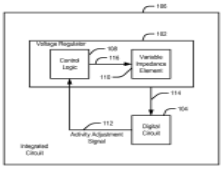

FIG. 1

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2207/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROJECT DATA CREATION DEVICE

(51) International classification :G06F9/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/050083
Filing Date :08/01/2013
(87) International Publication No :WO 2014/108994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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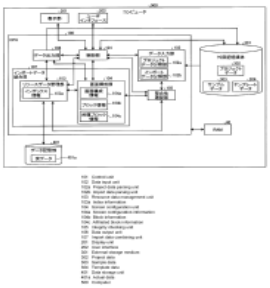
(72)**Name of Inventor :**
1)IWAKI Tomohiro

(57) Abstract :
The present invention is provided with: a project data parsing unit (102a) which parses project data under creation into resources; a resource data management unit (103) which generates index information (103a) for resource management and stores actual data (401a) of the resources into a data storage unit (401); a screen configuration unit (104) which creates a block within the project data under creation and generates screen configuration information (104a) defining a transition relationship between the screen included in the project data under creation and the block; an import data parsing unit (102b) which parses data to be imported into the block into resources; an integrity checking unit (105) which determines whether duplication of a resource will occur as a result of importing of the data; and an import data combining unit (107) which if duplication of resources does not occur reconstructs the screen configuration information (104a) and stores the actual data (401a) of the resources of the imported data into a data storage unit (401).



No. of Pages : 57 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2201/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PORTABLE TERMINAL AND METHOD FOR PROVIDING HAPTIC EFFECT TO INPUT UNIT

(51) International classification :G06F3/01,G06F3/041,G06F3/14
(31) Priority Document No :10-2013-0005429
(32) Priority Date :17/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000433
Filing Date :15/01/2014
(87) International Publication No:WO 2014/112787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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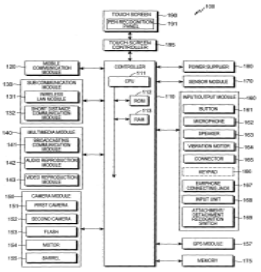
(72)**Name of Inventor :**
1)PARK Jin Hyoung
2)LEE Ju Youn
3)LEE Sang Hyup

(57) Abstract :
A portable terminal and a method for providing a haptic effect to an input unit are provided. The method includes displaying at least one object on a touch screen detecting a touch input by the input unit with respect to the object displayed on the touch screen determining a preset mode based on the detected touch input of the input unit and transmitting a control signal corresponding to a predetermined haptic pattern based on the preset mode to the input unit.



No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2202/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE FORMING APPARATUS METHOD OF CONNECTING WITH EXTERNAL DEVICE THEREOF AND COMPUTER READABLE RECORDING MEDIUM

(51) International classification :G06F3/12,G06F13/14,G06F9/44
(31) Priority Document No :10-2013-0005388
(32) Priority Date :17/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/006423
Filing Date :18/07/2013
(87) International Publication No:WO 2014/112699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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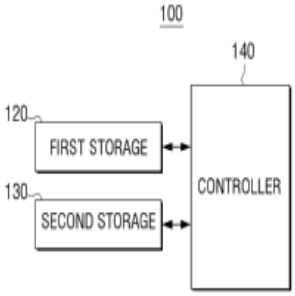
(72)**Name of Inventor :**
1)BIN Sung uk
2)PARK Ho beom

(57) Abstract :
An image forming apparatus that includes a first storage where a first program to communicate with an external interface is stored when the image forming apparatus is in a normal mode a second storage where a second program which is smaller than the first program in size is stored in order to perform communication with a pre defined external device through the external interface when the image forming apparatus is in a power saving mode and a controller which performs communication with the external interface using the first program stored in the first storage or the second program stored in the second storage according to an operation mode of the image forming apparatus.



No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2203/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR WIRELESS DEVICE COUNTERMEASURES AGAINST MALICIOUS INFRASTRUCTURE

(51) International classification :H04L12/08,H04L12/12
(31) Priority Document No :13/801873
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022090
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DUGGAN Matthew C.
2)PADDON Michael William
3)TARUI Kento

(57) Abstract :
System apparatus and methods are provided for protecting against malicious infrastructure in a wireless communication network. A system determines a trust metric for an access point and decides to avoid communication with the access point based on the trust metric for the access point. The trust metric may for example be a numeric value such as a probability of trustworthiness or a categorization of trustworthiness. The system may determine the trust metric by receiving a list of access points and their corresponding trust metrics and matching a potential access point to its listed trust metric. The system may try to avoid using an untrustworthy access point s services unless it deems the services important enough to risk the communication.

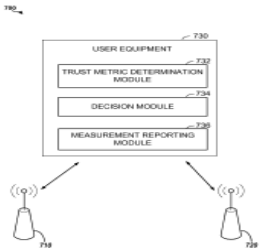

FIG. 7

No. of Pages : 36 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2204/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED SPATIAL DOWNSAMPLING OF VIDEO DATA

(51) International classification :H04N19/59,H04N19/42,H04N19/33
(31) Priority Document No :13/801220
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018736
Filing Date :26/02/2014
(87) International Publication No :WO 2014/163903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LALGUDI Hariharan Ganesh
3)MOHAN Sumit
4)WANG Kai
5)MALAYATH Narendranath

(57) Abstract :
Implementations include video image processing systems methods and apparatus for integrated video downscale in a video core. The downscaler computes and writes a display frame to an external memory. This frame may have the same resolution as a target display device (e.g. mobile device). The target display device then reads this display frame rather than the original higher resolution frame. By enabling downscale during encoding/decoding the device can conserve resources such as memory bandwidth memory access bus bandwidth and power consumption associated with separately downscaling a frame of video data.

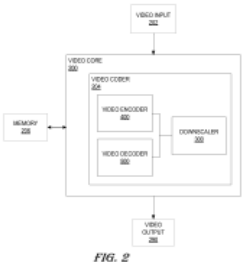

FIG. 2

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2015

(21) Application No.2028/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED METHOD FOR PREPARING DIPEPTIDYL PEPTIDASE-IV INHIBITOR AND INTERMEDIATE

(51) International classification :C07C 213/00, C07D 203/06
(31) Priority Document No :10-2009-0027105
(32) Priority Date :30/03/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/001947
Filing Date :30/03/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2252/MUMNP/2011
Filed on :24/10/2011

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(72)**Name of Inventor :**
1)KWAK, Woo Young
2)KIM, Heung Jae
3)MIN, Jong Pil
4)YOON, Tae Hyun
5)YOO, Moohi
6)LIM, Geun Bho
7)CHANG, Sun Ki

(57) Abstract :
ABSTRACT Improved method for preparing dipeptidyl peptidase-IV Inhibitor and intermediate The present invention relates to an improved method for preparing dipeptidyl peptidase-IV inhibitor and intermediate. The present invention is able to reduce preparation costs by using low cost reagents on reaction and is able to be used in mass production by improving yield.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

(21) Application No.2125/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BANDWIDTH AND TIME DELAY MATCHING FOR INERTIAL SENSORS

(51) International classification :H04L29/08,G01P15/08
(31) Priority Document No :13/792944
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021628
Filing Date :07/03/2014
(87) International Publication No :WO 2014/197019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CZOMPO Joseph

(57) Abstract :
The disclosure is directed to matching a time delay and a bandwidth of a plurality of sensors. An aspect receives first sensor data having a first timestamp from a first sensor having a first bandwidth receives second sensor data having a second timestamp from a second sensor having a second bandwidth and synchronizes the first sensor data and the second sensor data by performing one or more of compensating for a first time delay of the first sensor data compensating for a second time delay of the second sensor data compensating for a relative time delay between the first sensor data and the second sensor data or matching the first bandwidth and the second bandwidth to a common bandwidth.

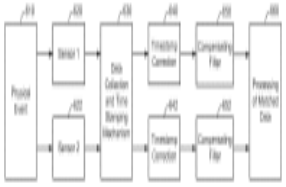

FIG. 6

No. of Pages : 35 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

(21) Application No.2126/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUSES FOR PERFORMING BETTER PLMN SEARCH DURING CONNECTED MODE DRX

(51) International classification	:H04W48/16,H04W52/02,H04W76/04, H04J1/00
(31) Priority Document No	:13/796961
(32) Priority Date	:12/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/023418 :11/03/2014
(87) International Publication No	:WO 2014/164766
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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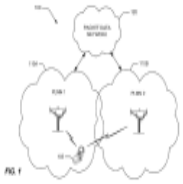
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SINGHAL Vaibhav
2)KONA Praveen N.
3)RAJAGOPALAN Srinivasan

(57) Abstract :
Disclosed are a method and apparatuses for performing a better PLMN (BPLMN) search during connected mode discontinuous reception (CDRX). In one aspect a user equipment (UE) detects a trigger to begin a BPLMN search while in CDRX; determines whether it is configured for a manual BPLMN search; determine whether the CDRX duration is greater than or equal to the minimum amount of time required to perform the manual BPLMN search; and when determined that the CDRX duration is greater than or equal to the minimum amount of time required for the BPLMN search performs the manual BPLMN search while in the CDRX.



No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015
(21) Application No.2128/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RETRACTOR/STABILIZER FOR EXCESSIVE AND/OR REDUNDANT TISSUE AND METHOD OF USE

(51) International classification :A61F13/02
(31) Priority Document No :61/760251
(32) Priority Date :04/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013563
Filing Date :29/01/2014
(87) International Publication No :WO 2014/120746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :9005 Overbrook Blvd Brentwood Tennessee 37027 U.S.A.
(72)**Name of Inventor :**
1)GALBIERZ Thomas R.
2)GALBIERZ Michael A.
3)GAPP Gregory A.

(57) Abstract :
A die cuttable retractor/stabilizer comprising a top layer having an adhesive applied one side thereof and a backing layer which covers the adhesive and which is removable from the top. The retractor/stabilizer includes a dividing cut in the backing layer which extends the width of the backing layer to separate the backing layer into an upper panel and a lower panel. A first lower panel back cut in the backing layer lower panel extends from the bottom edge of the backing layer to a point proximate the dividing cut to divide the lower panel in to at least a lower panel positioning portion and a lower panel second portion.

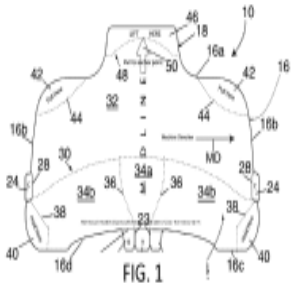

FIG. 1

No. of Pages : 92 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015
(21) Application No.2223/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LARGE SCALE FADING COEFFICIENT ESTIMATION IN WIRELESS MASSIVE MIMO SYSTEMS

(51) International classification :H04L27/32
(31) Priority Document No :61/904076
(32) Priority Date :14/11/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/091148
Filing Date :14/11/2014
(87) International Publication No :WO 2015/070804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDIATEK SINGAPORE PTE. LTD.
Address of Applicant :#03 01 Solaris No.1 Fusionopolis Walk Singapore 138628 Singapore
(72)**Name of Inventor :**
1)LIU Yen Cheng
2)CHEN Ko Feng
3)SU York Ted

(57) Abstract :
Efficient algorithms for estimating LSFCs with no aid of SSFCs by taking advantage of the channel hardening effect and large spatial samples available to a massive MIMO base station (BS) are proposed. The LSFC estimates are of low computational complexity and require relatively small training overhead. In the uplink direction mobile stations (MSs) transmit orthogonal uplink pilots for the serving BS to estimate LSFCs. In the downlink direction the BS transmits either pilot signal or data signal intended to the MSs that have already established time and frequency synchronization. The proposed uplink and downlink LSFC estimators are unbiased and asymptotically optimal as the number of BS antennas tends to infinity.

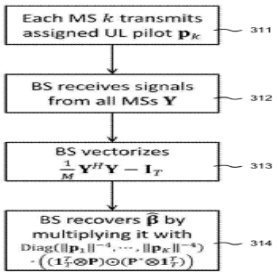

FIG. 3

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2142/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMUNICATION SYSTEM WITH INDOOR NAVIGATION MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification	:H04B1/40,G06Q50/10,G06F3/048
(31) Priority Document No	:61/783090
(32) Priority Date	:14/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2014/002029 :12/03/2014
(87) International Publication No	:WO 2014/142533
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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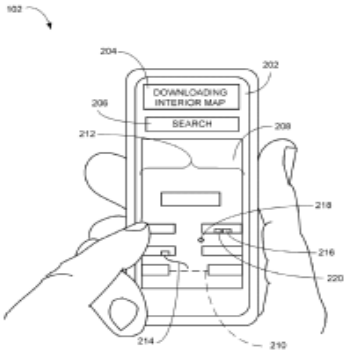
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)WU Yun
2)BAISUCK Michael
3)TAN Nastasha

(57) Abstract :
A communication system includes: a first storage unit configured to receive relevant information by entering a region of interest; a first control unit coupled to the first storage unit configured to parse the relevant information; and a display coupled to the first control unit configured to display the relevant information a target object and a suggested path.



No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2143/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PEER 2 PEER WI FI RANGING USING NEAR FIELD COMMUNICATION

(51) International classification	:H04W8/00, H04B 5/00
(31) Priority Document No	:13/785876
(32) Priority Date	:05/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/018665 :26/02/2014
(87) International Publication No	:WO 2014/137700
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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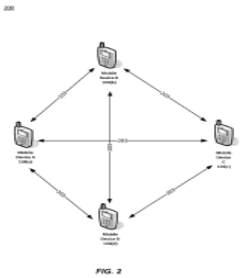
(72)**Name of Inventor :**
1)VENKATRAMAN Sai Pradeep
2)GAO Weihua
3)SRIDHARA Vinay
4)FIROUZABADI Sina

(57) Abstract :
According to some aspects a method includes communicating a request from a first device to a second device using near field communication (NFC). The request includes a preferred mode of wireless local area network (Wi Fi) operation and state information of the first device. The method further includes receiving a reply at the first device sent from the second device including acceptance of the preferred mode of Wi Fi operation. The method further includes communicating wireless information to establish the Wi Fi communication link from the first device to the second device.



No. of Pages : 35 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2144/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA BUS INVERSION (DBI) ENCODING BASED ON THE SPEED OF OPERATION

(51) International classification :G06F13/42
(31) Priority Document No :61/791865
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023508
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)HOLLIS Timothy Mowry

(57) Abstract :
A method for data transmission is described. A signaling speed of operation of an electronic device is determined. A data bus inversion algorithm is selected based on the signaling speed of operation. The selected data bus inversion algorithm is used to encode data. The encoded data and a data bus inversion flag are sent to a receiver over a transmission medium.

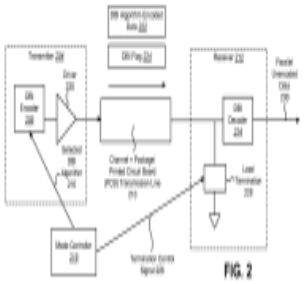


FIG. 2

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2145/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND COMPOSITION FOR PREVENTING OXIDATION

(51) International classification	:C09D5/00,C09D101/00,C09D105/00
(31) Priority Document No	:61/816006
(32) Priority Date	:25/04/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/035515 :25/04/2014
(87) International Publication No	:WO 2014/176537
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MIDWEST INDUSTRIAL SUPPLY INC.
Address of Applicant :1101 Third Street SE Canton Ohio 44707 U.S.A.
(72)**Name of Inventor :**
1)VITALE Robert W.
2)DETLOFF Cheryl L.

(57) Abstract :
A composition for inhibiting oxidation includes an anionic hydrophilic water soluble polymer an anionic surfactant and water.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2241/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR

(51) International classification	:H04N 19/13, H04N 19/91
(31) Priority Document No	:61/748,964
(32) Priority Date	:04/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2014/000093 :06/01/2014
(87) International Publication No	:WO/2014/107065
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1889/MUMNP/2015 :14/07/2015

(71)**Name of Applicant :**
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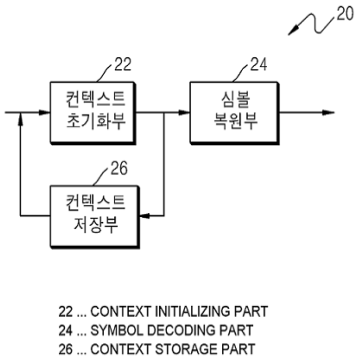
(72)**Name of Inventor :**
1)LEE, Tammy
2)CHOI, Byeong-doo

(57) Abstract :
The present invention relates to entropy encoding and entropy decoding for encoding and decoding a video signal. The method for entropy-decoding a video signal comprises the steps of: determining a bin string and a bin index for the maximum encoding unit obtained from a bit stream; when determining the value of a syntax element by comparing the presently obtained bin string with the bin strings to be assigned to the syntax element in the bin index, if the syntax element is the last one in the last maximum encoding unit, and a subordinate slice segment can be included in the picture including the maximum encoding unit, storing the context parameters for the maximum encoding unit; and decoding the symbols of the maximum encoding unit by using the value of the previously determined syntax element.



22 ... CONTEXT INITIALIZING PART
24 ... SYMBOL DECODING PART
26 ... CONTEXT STORAGE PART

No. of Pages : 89 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2148/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS TO SELECTIVELY ENABLE OPERATIONS OF A VIRTUAL MACHINE MONITOR ON DEMAND

(51) International classification :G06F9/455,G06F21/53
(31) Priority Document No :13/796442
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022731
Filing Date :10/03/2014
(87) International Publication No :WO 2014/164536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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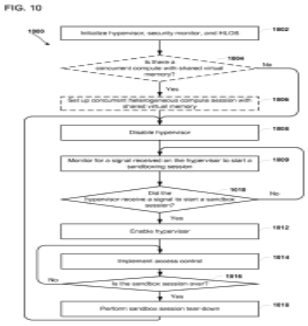
(72)**Name of Inventor :**
1)ZENG Thomas
2)TOUZNI Azzedine
3)MUELLER Philip Jr.
4)PATEL Piyush

(57) Abstract :
In the various aspects virtualization techniques may be used to improve performance and reduce the amount of power consumed by selectively enabling a hypervisor operating on a computing device during sandbox sessions. In the various aspects a high level operating system may allocate memory such that its intermediate physical addresses are equal to the physical addresses. When the hypervisor is disabled the hypervisor may suspend second stage translations from intermediate physical addresses to physical addresses. During a sandbox session the hypervisor may be enabled and resume performing second stage translations.



No. of Pages : 79 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2149/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED CORRECTION OF FRAME LOSS WHEN DECODING A SIGNAL

(51) International classification :G10L19/005,G10L19/093,G10L19/02
(31) Priority Document No :1350845
(32) Priority Date :31/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050166
Filing Date :30/01/2014
(87) International Publication No :WO 2014/118468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ORANGE
Address of Applicant :78 rue Olivier de Serres F 75015 Paris France
(72)**Name of Inventor :**
1)FAURE Julien
2)RAGOT Stphane

(57) Abstract :
The invention relates to the processing of a signal the signal comprising a series of samples distributed in consecutive frames. The processing is carried out during the decoding of such a signal in order to replace at least one signal frame lost during decoding and comprises in particular the following steps: a) searching (S3) in a valid signal available for decoding for a signal segment having a duration corresponding to a period determined on the basis of said valid signal; b) spectrally analysing the segment (S4) in order to determine spectral components of the segment; and c) synthesising (S6) at least one frame to replace the lost frame by constructing a synthesis signal from at least one portion of the spectral components.

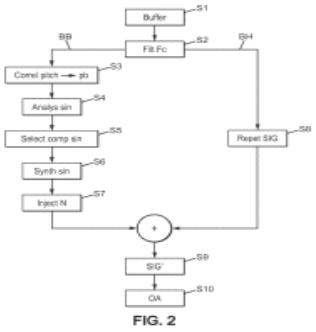


FIG. 2

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2244/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOCAL INTERCONNECT STRUCTURES FOR HIGH DENSITY

(51) International classification	:H01L21/8234,H01L21/768,H01L27/02
(31) Priority Document No	:13/829864
(32) Priority Date	:14/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/023657 :11/03/2014
(87) International Publication No	:WO 2014/178949
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A U.S.A.
(72)**Name of Inventor :**
1)ZHU John Jianhong
2)NALLAPATI Giridhar
3)CHIDAMBARAM Pr

(57) Abstract :
A local interconnect structure is provided that includes a gate directed local interconnect (435) coupled to an adjacent gate layer (425) through a diffusion directed local interconnect (445).

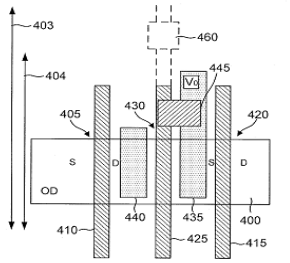

FIG. 4A

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015
(21) Application No.2245/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR AUTOMATED INFORMATION ENTRY IN A WIRELESS DEVICE

(51) International classification :H04W4/02,H04L12/58,H04M1/725
(31) Priority Document No :13/802723
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023587
Filing Date :11/03/2014
(87) International Publication No :WO 2014/159423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714. U.S.A. U.S.A.
(72)**Name of Inventor :**
1)ANNPUREDDY Koushik
2)FINLOW BATES Keir

(57) Abstract :
Methods and apparatus for automated information entry in a wireless device may include receiving an input of a sequence of characters. In addition the methods and apparatus may include identifying a location related context based on at least a portion of the sequence of characters and obtaining location information of the wireless device in response to identifying the location related context. The methods and apparatus may also include obtaining a set of one or more landmark information corresponding to the location information of the wireless device and obtaining directional information relative to selected landmark information. The method and apparatus may also include adding the directional information with the selected landmark information to the sequence of characters.

FIG. 4

No. of Pages : 57 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

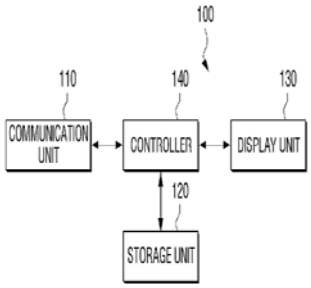
(21) Application No.2246/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS AND MENU DISPLAYING METHOD THEREOF

(51) International classification :H04N21/472,G06F3/048
(31) Priority Document No :61/758911
(32) Priority Date :31/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000778
Filing Date :28/01/2014
(87) International Publication No :WO 2014/119896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 K.R. Republic of Korea
(72)**Name of Inventor :**
1)OH Sung bo

(57) Abstract :
A display apparatus is provided. The display apparatus includes a communicator which is configured to perform communication with a network a storage unit which is configured to store a program that is executable in the display apparatus a display unit which is configured to display menus to execute the program and a controller which is configured to control the display unit to configure and display the menus differently according to one from among a network address which is allocated to the display apparatus for network communication and location information received through network communication.



No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2250/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EFFICIENT TIME INTERLEAVED ANALOG TO DIGITAL CONVERTER

(51) International classification :H03M1/12
(31) Priority Document No :61/774983
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054469
Filing Date :07/03/2014
(87) International Publication No :WO 2014/135686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ANACATUM DESIGN AB
Address of Applicant :Teknikringen 1C S 583 30 Linkping Sweden
(72)**Name of Inventor :**
1)SUNDBLAD Rolf
2)HJALMARSON Emil

(57) Abstract :
A time interleaved analog to digital converter for conversion of an analog input signal to a digital output signal having a sample rate R is disclosed. The time interleaved analog to digital converter comprises an array of an integer number N of constituent analog to digital converters an integer number N of sample and hold units one or more digital output processing units and a timing circuit. Each constituent analog to digital converter is adapted to operate based on an analog to digital converter operation clock to provide a digital signal at the digital output. Each sample and hold unit is connected to the input of a respective constituent analog to digital converter and is adapted to operate based on a respective one of a number M of timing signals wherein no timing signal is used to clock two or more of the sample and hold units. The digital output processing units are adapted to provide a sample of the digital output of a constituent analog to digital converter as a sample of the digital output signal based on the respective one of the M timing signals. The timing circuit is adapted to generate the analog to digital converter operation clock signal and the M timing signals each timing signal having a period of M/R wherein M is less or equal to N.

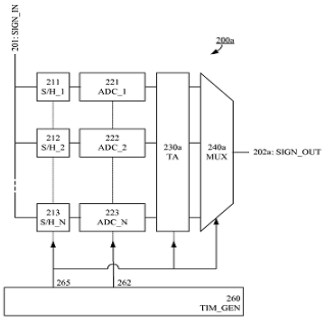


Fig. 2A

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015
(21) Application No.2251/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONFIGURABLE TIME INTERLEAVED ANALOG TO DIGITAL CONVERTER

(51) International classification :H03M1/00,H03M1/12
(31) Priority Document No :61/774998
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054470
Filing Date :07/03/2014
(87) International Publication No :WO 2014/135687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUNDBLAD Rolf
2)H„GGLUND Robert
3)HOLMBRING Staffan

(57) Abstract :
iiiiA time interleaved analog to digital converter for conversion of L analog input signals to L corresponding digital output signals is disclosed. The time interleaved analog to digital converter comprises an array of N (N being larger than L) constituent analog to digital converters each having an analog input and a digital output and each adapted to digitize an analog input sample. The time interleaved analog to digital converter also comprises a controller adapted to (for each of the L analog input signals indexed by i=1 2 ... L) select a number N of constituent analog to digital converters from the array of N constituent analog to digital converters (wherein N is larger than or equal to 1 and formula (I)) and cause each sample of the analog input signal to be digitized in a respective one of the selected N constituent analog to digital converters. The time interleaved analog to digital converter also comprises a multiplexer adapted to (for each of the L analog input signals) multiplex the digitized samples of each of the selected N constituent analog to digital converters to produce the digital output signal corresponding to the analog input signal.

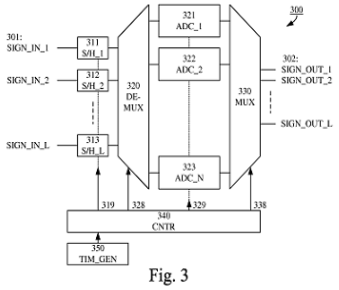

Fig. 3

$\sum_{i=1}^{L} N_i \leq N$ (I)

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2252/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEALING APPARATUS FOR A FUEL CELL STACK

(51) International classification :H01M8/04,H01M8/24,H01M8/10
(31) Priority Document No :1302349.4
(32) Priority Date :11/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050380
Filing Date :10/02/2014
(87) International Publication No :WO 2014/122482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUPCHO Kevin

(57) Abstract :
A fuel cell stack assembly comprises a stack of fuel cells each fuel cell having an air flow conduit with an input / output ventilation aperture disposed on a ventilation face of the stack the ventilation apertures forming an array over said ventilation face of the stack. A membrane is moveable between a first configuration in which the ventilation face is occluded and a second configuration in which the ventilation face is not occluded. The membrane is rollable between the first configuration and the second configuration. Ventilation of the fuel cell stack is thereby controlled by the position of the membrane e.g. during fuel cell start up and / or shut down procedures or for hydration control of the fuel cells.

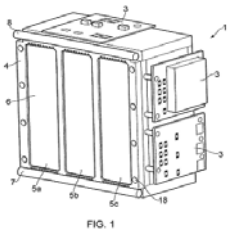

FIG. 1

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2159/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI WIRE SINGLE ENDED PUSH PULL LINK WITH DATA SYMBOL TRANSITION BASED CLOCKING

(51) International classification	:G06F13/42,G06F13/40,H04L25/00
(31) Priority Document No	:61/793955
(32) Priority Date	:15/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/024704 :12/03/2014
(87) International Publication No	:WO 2014/150984
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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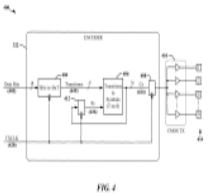
(72)**Name of Inventor :**
1)SENGOKU Shoichiro
2)WILEY George Alan
3)CHEUNG Joseph

(57) Abstract :
System methods and apparatus are described that facilitate transmission of data over a multi wire data communications link particularly between two devices within an electronic apparatus. A sequence of data bits is converted into M transition numbers which are then converted into a sequence of symbols. The sequence of symbols is transmitted received over N wires. A clock signal may be effectively embedded in the transmission of the sequence of symbols. Each of the sequence of symbols may be selected based on a corresponding one of the M transition numbers and a value of a preceding one of the sequence of symbols.



No. of Pages : 62 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2261/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS OF TREATING TOPICAL MICROBIAL INFECTIONS

(51) International classification :A61K31/35,A61K9/06,A61K31/194
(31) Priority Document No :2013900412
(32) Priority Date :08/02/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2014/000101
Filing Date :10/02/2014
(87) International Publication No :WO 2014/121342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUODA PHARMA PTY LIMITED
Address of Applicant :Suite 1 304 318 The Kingsway Caringbah New South Wales 2229 Australia
(72)**Name of Inventor :**
1)PAGE Stephen

(57) Abstract :
The invention is a method and composition for treating a topical microbial infection in a subject. The method includes the step of administering a therapeutically effective amount of a polyether ionophore or a therapeutically acceptable salt thereof to the subject.

Strain ID #	Source	Species	Resistance Profile
ATCC 40775	Human	*S. aureus*	
MSS 1	Cow	*S. aureus*	
MSS 2	Cat	*S. intermedius*	P
MSS 3	Cat	*S. aureus*	P
MSS 4	Unknown	*S. pseudintermedius*	
MSS 5	Dog	*S. intermedius*	P
MSS 6	Human	*S. pseudintermedius*	
MSS 7	Dog	*S. pseudintermedius*	P
MSS 8	Dog	*Coagulase negative*	P, Te
MSS 9	Dog	*S. intermedius*	
MSS 10	Dog	*S. intermedius*	

No. of Pages : 80 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2262/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS OF TREATING MICROBIAL INFECTIONS INCLUDING MASTITIS

(51) International classification :A61K31/35,A61P31/04,A61M5/178
(31) Priority Document No :2013900411
(32) Priority Date :08/02/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2014/000102
Filing Date :10/02/2014
(87) International Publication No :WO 2014/121343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUODA PHARMA PTY LIMITED
Address of Applicant :Suite 1 304 318 The Kingsway Caringbah New South Wales 2229 Australia
(72)**Name of Inventor :**
1)PAGE Stephen
2)GARG Sanjay

(57) Abstract :
The invention includes methods and compositions for treating mastitis in a subject. The method includes the step of administering by intramammary delivery a therapeutically effective amount of a polyether ionophore or a therapeutically acceptable salt thereof to the mammary gland of the subject.

No. of Pages : 99 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2263/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER RAT TRANSITIONING UTILIZING SYSTEM INFORMATION MESSAGING

(51) International classification	:H04W36/14,H04W48/18, H01P 5/00
(31) Priority Document No	:61/803661
(32) Priority Date	:20/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/031277 :20/03/2014
(87) International Publication No	:WO 2014/153434
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)KEZDY Akos Ferenc
3)POPP Falko

(57) Abstract :
e.ge.ge.gMethods systems and devices are described for transitioning between different radio access technologies (RATs) utilizing system information messages to trigger the transition. Some embodiments may involve utilizing a system information message (. SIB19 SI2quater) that may be received from a serving cell over a first radio RAT (. 2G 3G 4G) while in a connected mode with the serving cell. A transition may be initiated from the connected mode with the serving cell to an idle mode with the serving cell in response to the received system information message. A reselection may be performed from the idle mode with the serving cell to a target cell utilizing a second RAT (. 3G 4G or 5G) in response to the received system information message.

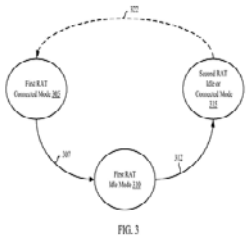

FIG. 3

No. of Pages : 52 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2264/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA INTERACTION METHOD AND DEVICE

(51) International classification	:H04W92/20, H04L 12/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2013/071263 :01/02/2013
(87) International Publication No	:WO 2014/117386
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)WANG Yan
2)LIN Bo

(57) Abstract :
The present invention relates to a data interaction method and device. The method comprises: an auxiliary base station receiving a first message sent by a main base station or receiving relationship information configured by an operation administration and maintenance (OAM) system of the auxiliary base station and the main base station wherein the first message is used for notifying the auxiliary base station to establish an S1 interface; the auxiliary base station sending an S1 interface establishing request to the main base station; receiving an S1 interface establishing response sent by the main base station; and the auxiliary base station interacting with the main base station through the S1 interface. By means of the data interaction method and device according to the embodiments of the present invention a coordinating service of the main base station and the auxiliary base station is implemented through the interface between the main base station and the auxiliary base station or through direct data transmission between the auxiliary base station and an SGW thereby improving the quality of service of a UE.

图 1 / **Fig. 1**

101 AN AUXILIARY BASE STATION RECEIVES A FIRST MESSAGE SENT BY A MAIN BASE STATION, OR RECEIVES RELATIONSHIP INFORMATION CONFIGURED BY AN OAM SYSTEM, OF THE AUXILIARY BASE STATION AND THE MAIN BASE STATION
102 THE AUXILIARY BASE STATION SENDS AN S1 INTERFACE ESTABLISHING REQUEST TO THE MAIN BASE STATION
103 RECEIVE AN S1 INTERFACE ESTABLISHING RESPONSE SENT BY THE MAIN BASE STATION
104 THE AUXILIARY BASE STATION INTERACTS WITH THE MAIN BASE STATION THROUGH AN S1 INTERFACE

No. of Pages : 121 No. of Claims : 111

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2171/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METAL RIBBON STATOR AND MOTOR COMPRISING SAME

(51) International classification :H02K1/06,H02K1/12,H02K15/02
(31) Priority Document No :61/848457
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/000004
Filing Date :06/01/2014
(87) International Publication No :WO 2014/107474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CALLEY David

(57) Abstract :
A stator made from a ribbon of metal having multiple layers of slit metal and motors made therefrom are described. A ribbon having multiple layers of metal is formed into a stator such as by flattening or pleating the ribbon to form each or pole or a stator having a plurality of stator teeth. The stator formed from metal ribbon may be configured into any suitable type of motor such as a axial transverse flux motor. A magnetic flux return may also be made out of metal ribbon.

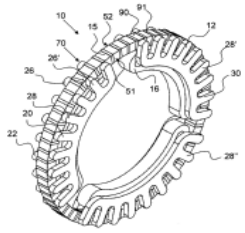

FIG. 1

No. of Pages : 40 No. of Claims : 123

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2265/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SINGLE GRAIN SEEDER WITH AT LEAST ONE IMPROVED SEEDING ELEMENT

(51) International classification :A01C7/04,A01C7/20
(31) Priority Document No :1351055
(32) Priority Date :07/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050088
Filing Date :16/01/2014
(87) International Publication No :WO 2014/122377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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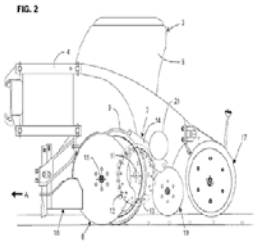
2)EBERHART Julien

(57) Abstract :
The present invention concerns a single grain seeder having a chassis that supports at least one seeding element (3) comprising a dispensing housing (7) at least one opening disk (8) for opening a furrow in the ground and at least one depth control wheel (9) said dispensing housing (7) delivering seeds one by one via a rotary dosing element intended to turn about a rotation axis (11) each seed being ejected from the rotary dosing element at an ejection point (12) extending in the lower portion of said rotary dosing element. The single grain seeder is remarkable in that said ejection point (12) is disposed in the external diameter of said opening disk (8) when viewed along the rotation axis (11) of the rotary dosing element.



No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015
(21) Application No.2266/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FULL DUPLEX WIRELESS TRANSCEIVER WITH HYBRID CIRCUIT AND RECONFIGURABLE RADIATION PATTERN ANTENNA

(51) International classification :H04B1/52,H04B1/58
(31) Priority Document No :13/841712
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024853
Filing Date :12/03/2014
(87) International Publication No :WO 2014/151055
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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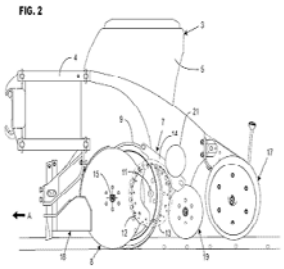
(72)**Name of Inventor :**
1)ABRAMSKY Victor Alexander
2)LICCONE Michael Leonard
3)SUPRUNOV Peter
4)GREANEY Shaun Joseph

(57) Abstract :
A method and circuit are provided that solve the problem of prolonged signal fading in transceivers utilizing dual antenna match in a hybrid transmitter receiver cancellation circuit thereby enabling practically implementable full duplex single channel or duplexerless frequency division duplex (FDD) wireless communication systems. The method includes controlling dynamic change in signal s amplitude and phase at the receiver port of a hybrid Tx Rx circuit by continuously varying radiation pattern parameters of at least one antenna while maintaining nearly constant impedance at the hybrid s antenna interface ports and equalizing propagation delays between the hybrid circuit and both antennas using a novel circuit design.



No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015
(21) Application No.2267/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY CONSERVATION APPARATUS FOR GEOFENCE APPLICATIONS

(51) International classification :G01S19/34,G08B21/02
(31) Priority Document No :13/831684
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/028680
Filing Date :14/03/2014
(87) International Publication No :WO 2014/144323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MOUSSA Alaa addin
3)GILL Harleen
4)PARIKH Hemish

(57) Abstract :
Methods systems and devices are provided for operating a GPS engine in an active geofence monitoring state for no more than a first QoS period to obtain a first GPS fix. The GPS engine may also be set to operate in the active geofence monitoring state for no more than a second lower QoS period to obtain a second GPS fix in response to determining the first GPS fix was not obtained. The method may determine whether a geofence breach is detected in response to determining the GPS engine obtained the first GPS fix. The GPS engine may be set to operate in the active geofence monitoring state for no more than the second QoS period to obtain the second GPS fix in response to determining the geofence breach is not detected. The GPS engine may thus operate in the active geofence monitoring state to obtain the second GPS fix.

No. of Pages : 44 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2164/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POSITIONING BASED ON SIGNALS INJECTED INTO CONCEALED INFRASTRUCTURE

(51) International classification	:G01C21/20,G01S5/02,H04W64/00
(31) Priority Document No	:13/831435
(32) Priority Date	:14/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/026057 :13/03/2014
(87) International Publication No	:WO 2014/168716
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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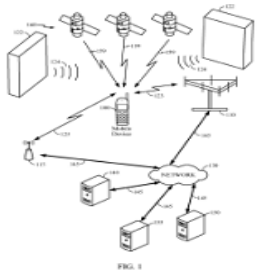
(72)**Name of Inventor :**
1)ROWITCH Douglas

(57) Abstract :
Disclosed are systems, methods and devices for positioning operations based, at least in part, on measurements or observations of energy emanating from building infrastructure concealed in walls obtained a mobile device. In one implementation, the energy emanating from the building infrastructure in emanates in response to one or more signals injected into the building infrastructure.



No. of Pages : 50 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2165/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IRON POWDER FOR DUST CORE AND INSULATION COATED IRON POWDER FOR DUST CORE

(51) International classification :B22F1/00,B22F1/02,C22C38/00
(31) Priority Document No :2013088717
(32) Priority Date :19/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/002008
Filing Date :08/04/2014
(87) International Publication No :WO 2014/171105
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKASHITA Takuya
2)NAKAMURA Naomichi

(57) Abstract :
Iron powder for dust cores that is appropriate for manufacturing a dust core with low iron loss is obtained by setting the oxygen content in the powder to be 0.05 mass% or more to 0.20 mass% or less, and in a cross-section of the powder, setting the area ratio of inclusions to the matrix phase to be 0.4 % or less.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2253/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SERIAL COMMUNICATION

(51) International classification :G06F13/42,H04L29/06
(31) Priority Document No :13/829748
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/029183
Filing Date :14/03/2014
(87) International Publication No :WO 2014/153123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)WONG Brian L.

(57) Abstract :
This disclosure includes a point to point two lineserial interface (TSI) suitable for use in a wireless communications device as well as in other applications. The TSI may employ a protocol providing multiple frame formats to achieve delivery of one type of message with a reduced latency and other messages at increased latencies. Further although the master initiates reads the slave circuit may signal the master in real time over the TSI.

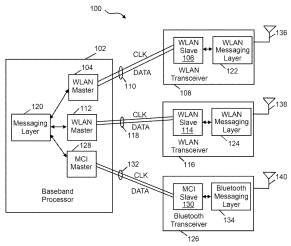

FIG. 1

No. of Pages : 49 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2254/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DUAL STRING DIGITAL TO ANALOG CONVERTERS (DACS) AND RELATED CIRCUITS SYSTEMS AND METHODS

(51) International classification :H03M1/06,H03M1/68,H03M1/76
(31) Priority Document No :13/834041
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024352
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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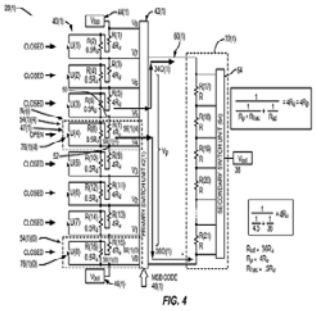
2)SHAH Dhaval R.
3)KOLLA Yeshwant Nagaraj

(57) Abstract :
Dual string digital to analog converters (DACs) and related circuits systems and methods are disclosed. In embodiments disclosed herein a primary voltage divider of the dual string DAC is comprised of at least one adjusting circuit. The adjusting circuit is configured to maintain the ideal voltage of a selected resistor node pair across a secondary voltage divider circuit in response to a primary switch unit selecting a selected resistor node pair. In this manner impedance isolation is not required between a primary voltage divider and the secondary voltage divider circuit of the dual string DAC. As a result as non limiting examples the area on an integrated circuit (IC) for a dual string DAC may be decreased power consumption of the DAC may be decreased and/or the dual string DAC may have increased performance by not requiring a settling time.



No. of Pages : 89 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2255/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE DEVICE FOR FILTERING LIQUID UNDER PRESSURE

(51) International classification :C02F1/00
(31) Priority Document No :1300037
(32) Priority Date :10/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/077685
Filing Date :20/12/2013
(87) International Publication No :WO 2014/108302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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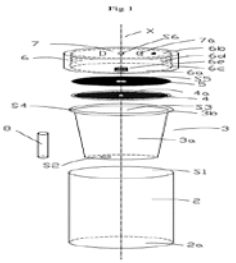
(72)**Name of Inventor :**
1)MARCONI Pierre

(57) Abstract :
The invention concerns a device for filtering liquid comprising: a first container intended to collect the filtered liquid a second container intended to contain the liquid to be filtered said second container being contained at least partially in said first container the walls of said second container having at least two openings: a filtering opening capable of allowing a transfer of liquid between said first and second reservoirs an injection opening a filter blocking said filtering opening a pressurisation device used to inject air into said second container via said injection opening characterised in that said pressurisation device is a flexible device located completely outside said second container and occupying a volume that is variable between two positions: a deployed position in which the volume occupied by the pressurisation device is maximal a folded position in which the volume occupied by the pressurisation device is minimal and in that said folded position is in the absence of action by a user a stable position.



No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2173/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR DETECTING CLOCK TAMPERING

(51) International classification :G06F21/72,G06F11/07,G06F1/04
(31) Priority Document No :13/801375
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022655
Filing Date :10/03/2014
(87) International Publication No :WO 2014/164512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TIRI Kris
2)MCGREGOR Matthew Scott
3)TAO Yucong

(57) Abstract :
Disclosed is a method for detecting clock tampering. In the method a plurality of resettable delay line segments are provided. Resettable delay line segments between a resettable delay line segment associated with a minimum delay time and a resettable delay line segment associated with a maximum delay time are each associated with discretely increasing delay times. A monotone signal is provided during a clock evaluate time period associated with a clock. The monotone signal is delayed using each of the plurality of resettable delay line segments to generate a respective plurality of delayed monotone signals. The clock is used to trigger an evaluate circuit that uses the plurality of delayed monotone signals to detect a clock fault.

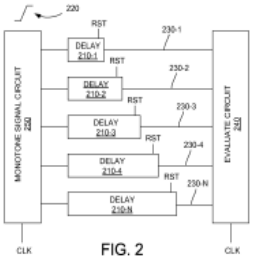

FIG. 2

No. of Pages : 28 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2174/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROTATION SPEED DETECTOR

(51) International classification :G01P3/487,G01D5/245
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/054603
Filing Date :22/02/2013
(87) International Publication No :WO 2014/128937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)OKAMURO Takashi
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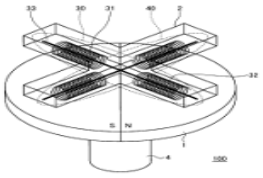
(57) Abstract :
The rotation speed detector according to an embodiment of the present invention detects the rotation speed of a magnet attached to a rotating body through use of an electricity generating unit, the electricity generating unit being provided with N (where N is a natural number of 1 or greater) electricity generating elements provided with a magnetic wire for undergoing magnetization reversal by a large Barkhausen effect and a pickup coil in which the magnetic wire is wound, the magnetic wire being longer than a winding portion of the pickup coil in the extension direction of the magnetic wire of each electricity generating element, and the magnetic wire being disposed above a rotational axis of the magnet.



No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2175/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NUMERICAL CONTROL DEVICE

(51) International classification :G05B19/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/053269
Filing Date :12/02/2013
(87) International Publication No :WO 2014/125569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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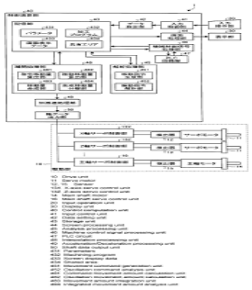
7)SHINOHARA Takanori
8)SHINOHARA Akihiko
9)YANAGIDAIRA Shigeo

(57) Abstract :
This numerical control device is provided with: an analysis processing unit (45) that acquires, from a machining program, movement commands for moving on a movement path, and oscillating conditions for oscillating along the movement path; a command movement amount calculation unit (481) that calculates a command movement amount in a unit of time; an oscillation movement amount calculation unit (482) that uses the oscillation conditions to calculate an oscillation movement amount in the unit of time at times corresponding to the movement commands; and a movement amount integration unit (483) that calculates an integrated movement amount by integrating the command movement amount and the oscillation movement amount, and determines the amount of movement within the unit of time in such a manner that the position moved to by only the integrated movement amount from a position that serves as a calculation standard for the integrated movement amount is positioned on the movement path.



No. of Pages : 55 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2015

(21) Application No.2275/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INKS FOR INKJET PRINTERS

(51) International classification :C09D11/00,B41M1/34,B41M5/00
(31) Priority Document No :VA2013A000019
(32) Priority Date :20/03/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2014/055206
Filing Date :14/03/2014
(87) International Publication No :WO 2014/146992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAPPA Alan
3)VERZOTTI Tamara
4)PRAMPOLINI Paolo
5)CRESPI Stefano
6)FLORIDI Giovanni
7)LI BASSI Giuseppe

(57) Abstract :
Method for decorating green or fired ceramic bodies by inkjet printing comprising the use of a ceramic inkjet ink which is prepared by milling a ceramic inorganic pigment in an organic medium in the presence of a dispersing agent which is the reaction product of a polyethyleneimine and a 12 hydroxystearic acid and e caprolactone co polyester until the average particle size of the pigment is between 0.1 and 0.8 μm.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2015

(21) Application No.2079/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH RESOLUTION STRIPMAP SAR IMAGING

(51) International classification :G01S13/90
(31) Priority Document No :TO2013A000108
(32) Priority Date :08/02/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058872
Filing Date :08/02/2014
(87) International Publication No :WO 2014/122624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CALABRESE Diego

(57) Abstract :
The present invention concerns a SAR imaging method which comprises performing N SAR acquisitions in stripmap mode of areas of the earth s surface by means of a synthetic aperture radar (20) that is transported by an aerial or satellite platform and which comprises a single non partitioned antenna and a single receiver coupled to said single non partitioned antenna N being an integer greater than one All the N SAR acquisitions in stripmap mode are performed using one and the same predetermined elevation angle with respect to the nadir of the synthetic aperture radar (20) so that said N SAR acquisitions in stripmap mode all regard one and the same specific swath of the earth s surface. Each SAR acquisition in stripmap mode is performed using a respective squint angle with respect to the flight direction of the synthetic aperture radar (20) said respective squint angle being different from the squint angles used for performing the other N 1 SAR acquisitions in stripmap mode. Each performed SAR acquisition in stripmap mode comprises respective radar transmission and reception operations that are time interleaved individually or in groups with single or groups of radar transmission and reception operations of the other N 1 SAR acquisitions in stripmap mode performed and which comprise the transmission and reception of respective radar beams in respective acquisition directions that are defined by the predetermined elevation angle and by the respective squint angle used for said SAR acquisition in stripmap mode thereby resulting in that said respective acquisition directions are parallel to each other and not parallel to the acquisition directions of the other N 1 SAR acquisitions in stripmap mode performed. The radar beams transmitted and received in two radar transmission and reception operations performed in two immediately successive time instants and related to two different SAR acquisitions in stripmap mode are contiguous along the azimuth thereby increasing the integration times with respect to those obtainable via any one of the N SAR acquisitions in stripmap mode performed. The method further comprises generating SAR images of areas of the specific swath on the basis of all the N SAR acquisitions in stripmap mode performed said SAR images having an azimuth resolution that is enhanced by a factor up to N with respect to a nominal stripmap azimuth resolution that is equal to half the physical or equivalent length along the azimuth direction of the single non partitioned antenna of the synthetic aperture radar (20).

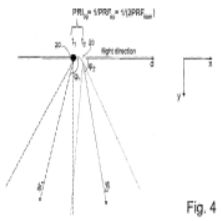
Fig. 4

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2015

(21) Application No.2272/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENCLOSURES FOR TREATING MATERIALS

(51) International classification :C12N13/00,C12P7/10,D21C5/00
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021604
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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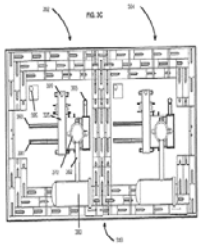
2)MASTERMAN Thomas Craig
3)PARADIS Robert

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) is processed to produce useful intermediates and products such as energy fuels foods or materials. For example systems and methods are described that can be used to treat feedstock materials such as cellulosic and/or lignocellulosic materials in two or more vaults that can share a common wall.



No. of Pages : 73 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2015

(21) Application No.2273/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING BIOMASS AND ENERGY

(51) International classification :C12P7/08,C12P7/10,C08L97/02
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021634
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138551
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Biomass feedstocks (e.g. plant biomass animal biomass and municipal waste biomass) are processed to produce useful products such as fuels heat and energy.

No. of Pages : 161 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2015
(21) Application No.1967/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR OFF LINE CONTROL FOR SIMULATION OF COUPLED HYBRID DYNAMIC SYSTEMS

(51) International classification :G01M17/007,G01M17/04
(31) Priority Document No :13/840454
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024273
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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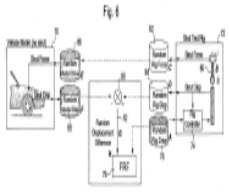
1)FRICKE David M.

(57) Abstract :
Systems and methods are provided for controlling the simulation of a coupled hybrid dynamic system comprising modeled components in a virtual model (70 ; 70) and physical components (80 ; 80; 80) the virtual model (70 ; 70) being a complementary system to the physical structural components (80 ; 80; 80) the virtual model (70) comprising model(s) of one or more disembodied assemblies or the virtual model (70) being complementary to a plurality of disembodied physical assemblies. A physical test rig (72 ;72;72) is configured to drive the physical structural components (80 ; 80; 80) and generate a test rig response comprising a first component (82 ; 82; 82) or coupling response (324) corresponding to an input to the virtual model (70 ; 70) and a second component (84 ; 84; 84) or convergence response (326) that is compared to an output of the virtual model (70 ; 70). A system dynamic response model (76) is obtained from the (82 ; 82; 82) or coupling response (324) the second component (84 ; 84; 84) or convergence response (326) and the virtual model (70) comprising model(s) of one or more disembodied assemblies or the virtual model (70) being complementary to a plurality of disembodied physical assemblies.



No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2279/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONCURRENT MULTI SYSTEM SATELLITE NAVIGATION RECEIVER WITH REAL SIGNALING OUTPUT

(51) International classification :G01S19/33,G01S19/37,H04B1/00
(31) Priority Document No :13/841698
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019792
Filing Date :03/03/2014
(87) International Publication No :WO 2014/149595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIM Hong Sun
3)ZHAO Liang
4)KO Jin Su

(57) Abstract :
A GNSS receiver (300) includes at least one GNSS antenna (206) configured to receive input signaling from at least a first GNSS source and a second GNSS source; an I/Q mixer (202) coupled to the at least one GNSS antenna and configured to process the input signaling to obtain complex intermediate signaling; a first complex filter (310) coupled to the I/Q mixer and configured to filter the complex intermediate signaling with respect to a first frequency range to obtain first real output signaling; a second complex filter (312) coupled to the I/Q mixer and configured to filter the complex intermediate signaling with respect to a second frequency range to obtain second real output signaling; and a signal combiner (320) coupled to the first and second complex filters and configured to combine the first real output signaling and the second real output signaling.

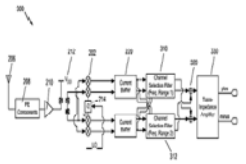

FIG. 3

No. of Pages : 39 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2280/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRROLE DERIVATIVES AS ALPHA 7 NACHR MODULATORS

(51) International classification :C07D403/06,C07D207/33,C07D207/416
(31) Priority Document No :52/KOL/2013
(32) Priority Date :16/01/2013
(33) Name of priority country :India
(86) International Application No :PCT/IB2014/058230
Filing Date :13/01/2014
(87) International Publication No :WO 2014/111839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)BHANAGE Dnyaneshwar Changdeo
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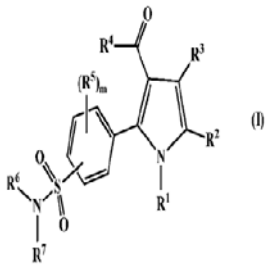
7)KAMBOJ Rajender Kumar

(57) Abstract :
1234567Disclosed is a compound of formula (I) wherein R R R R R R R and m are as described herein as a modulator of nicotinic acetylcholine receptors particularly a7 subtype its tautomeric forms its stereoisomers its pharmaceutically acceptable salts its pharmaceutical composition and its combinations with suitable medicaments. Also disclosed are a process of preparation of the compounds and the intended uses thereof in therapy particularly in the prophylaxis and therapy of disorders such as Alzheimer s disease mild cognitive impairment senile dementia and the like.


(I)

No. of Pages : 60 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2015
(21) Application No.1979/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENCODING VIDEO FOR DECODER SETTING AND DEVICE THEREFOR AND METHOD FOR DECODING VIDEO ON BASIS OF DECODER SETTING AND DEVICE THEREFOR

(51) International classification :H04N19/136
(31) Priority Document No :61/753610
(32) Priority Date :17/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000523
Filing Date :17/01/2014
(87) International Publication No :WO 2014/112830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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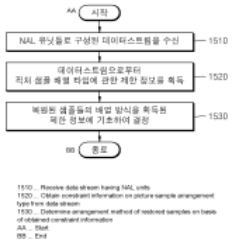
3)CHOI Kwang pyo

(57) Abstract :
Provided are a method for encoding a video for transmitting necessary setting information so as to exactly reproduce an image restored by a decoder and a device therefor. Provided are a method for decoding a video for receiving necessary setting information so as to exactly reproduce an image restored by a decoder and a device therefor. The method for decoding a video according to various embodiments comprises: receiving a data stream having network abstraction layer (NAL) units; obtaining from the data stream constraint information that indicates whether there is a constraint on an arrangement type of samples of a picture; and determining an arrangement method of samples restored from an encoded picture on the basis of the obtained constraint information.



No. of Pages : 82 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2108/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR SCALABLE CODING OF VIDEO INFORMATION

(51) International classification	:H04N19/187,H04N19/33,H04N19/34
(31) Priority Document No	:61/790538
(32) Priority Date	:15/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/024423 :12/03/2014
(87) International Publication No	:WO 2014/150864
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUO Liwei
2)CHEN Jianle
3)LI Xiang
4)RAPAKA Krishnakanth
5)PU Wei
6)KARCZEWICZ Marta

(57) Abstract :
An apparatus configured to code video information comprises a memory unit and a processor in communication with the memory unit. The memory unit is configured to store video information associated with a reference layer (RL) and an enhancement layer (EL). The EL comprises an EL video unit and the RL comprises an RL video unit corresponding to the EL video unit. The processor is configured to perform upsampling and bit depth conversion on pixel information of the RL video unit in a single combined process to determine predicted pixel information of the EL video unit and determine the EL video unit using the predicted pixel information.

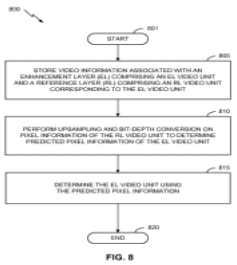


FIG. 8

No. of Pages : 72 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2109/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FINGER HELD INSTRUMENT ADAPTED FOR SUPPORTING OR SHIELDING A USER S FINGER

(51) International classification :A61B17/3213,A61B17/00,A61B19/00
(31) Priority Document No :224082
(32) Priority Date :31/12/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050807
Filing Date :30/09/2013
(87) International Publication No :WO 2014/102764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCALPAL LLC
Address of Applicant :Corporation Trust Center 1209 Orange Street Wilmington Delaware 19801 U.S.A.
(72)**Name of Inventor :**
1)GITMAN Eliot Robert

(57) Abstract :
A finger held instrument (25) having a handle (10) supporting a working tip (11 31) on a mount (15) located at an end of the handle that is held proximate a working surface (43) during use said handle being characterized by a projection (20) supported by or on said portion proximate the working tip and being dimensioned and shaped for supporting or shielding a user s finger (26a 27a 29a) and for exerting a contact force on the working surface so as to allow fine control of the working tip during use.

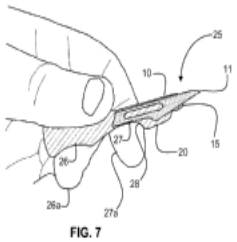


FIG. 7

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

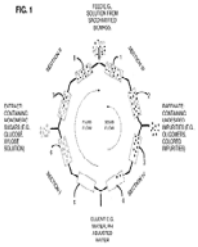
(21) Application No.2290/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING BIOMASS MATERIALS

(51) International classification :B01D15/18
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021638
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit E Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)BAXTER John J.

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) is processed to produce useful intermediates and products such as energy fuels foods or materials. For example equipment systems and methods are described that can be used to treat feedstock materials such as cellulosic and/or lignocellulosic materials. Process streams can be upgraded e.g. by removing undesired components utilizing simulated moving bed systems such as simulated moving bed chromatography improved simulated moving bed chromatography sequential simulated moving bed chromatography and/or related systems.



No. of Pages : 94 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

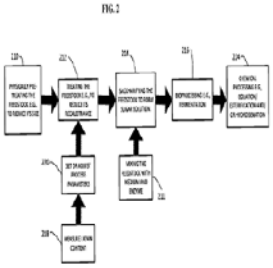
(21) Application No.2285/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING AND TRANSFORMING BIOMASS

(51) International classification :C12P7/52
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021796
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit L Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)FINN Michael W.
4)PAPOULIS Andrew
5)KORYABKINA Natalya A.

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) is processed to produce useful intermediates and products such as energy fuels foods or materials. The saccharified biomass is fermented in two steps to form two separate products. The second product can be a carboxylic acid which is reacted with an alcohol to form an ester. The alcohol used for the esterification may be obtained from the biomass. The ester is hydrogenated to alcohols with catalysts.



No. of Pages : 72 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2286/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PROVIDING HAPTIC EFFECT IN PORTABLE TERMINAL MACHINE READABLE STORAGE MEDIUM AND PORTABLE TERMINAL

(51) International classification :G06F3/01,G06F3/03,G06F3/041
(31) Priority Document No :1020130004514
(32) Priority Date :15/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000419
Filing Date :15/01/2014
(87) International Publication No:WO 2014/112777
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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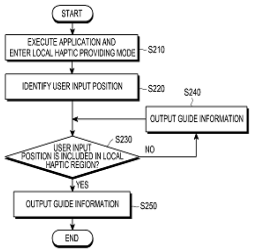
(72)**Name of Inventor :**
1)LEE Ju Youn
2)PARK Jin Hyoung
3)JUN Jin Ha

(57) Abstract :
A portable terminal and a method for providing a haptic effect in the portable terminal are provided. The method includes displaying an application on a touch screen detecting a touch in a haptic providing region set by a user and providing a haptic effect corresponding to the haptic providing region in response to the detected touch.



No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

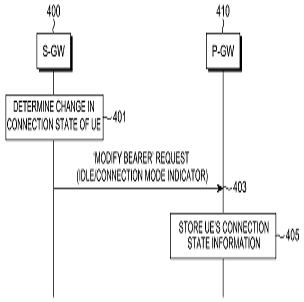
(21) Application No.2287/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING TRAFFIC IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W28/10,H04W4/02, H04L 12/00
(31) Priority Document No	:1020130005839
(32) Priority Date	:18/01/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/000562 :20/01/2014
(87) International Publication No	:WO 2014/112844
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)JEONG Sang Soo
2)CHO Song Yean
3)BAE Beom Sik
4)BAEK Young Kyo
5)WON Sung Hwan
6)LIM Han Na

(57) Abstract :
Provided is a method for transmitting traffic control information by an Evolved Node B (ENB) in a wireless communication system. The method includes transmitting congestion state information to a traffic control node. The congestion state information is used to control traffic for a User Equipment (UE) being served by the ENB. And the congestion state information includes information about a congestion state of the ENB and is included in a packet header transmitted from the UE.



No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2288/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS POWER TRANSMITTER WIRELESS POWER RECEIVER AND CONTROL METHODS THEREOF

(51) International classification :H02J17/00
(31) Priority Document No :1020130004350
(32) Priority Date :15/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000430
Filing Date :15/01/2014
(87) International Publication No :WO 2014/112784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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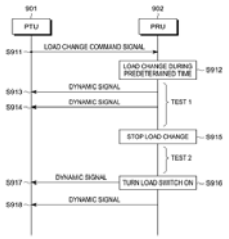
(72)**Name of Inventor :**
1)LEE Kyung Woo
2)BYUN Kang Ho
3)PARK Seho

(57) Abstract :
A wireless power transmitter and method are provided for transmitting charging power to a wireless power receiver. The method includes transmitting to the wireless power receiver a control signal including first time information and load change information; detecting a load change of the wireless power receiver during a period of time corresponding to the first time information; and determining that the wireless power receiver is authorized for charging if the detected load change of the wireless power receiver corresponds to the load change information included in the control signal.



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2289/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROLLING PROCESS GASES

(51) International classification :B01J19/08, C12P 7/00
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021630
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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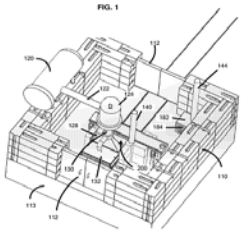
Address of Applicant :271 Salem Street Unit L Woburn MA 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)PARADIS Robert

(57) Abstract :
e.ge.gBiomass (. plant biomass animal biomass and municipal waste biomass) is processed to produce useful intermediates and products such as energy fuels foods or materials. For example equipment systems and methods are described that can be used to treat feedstock materials such as cellulosic and/or lignocellulosic materials in a vault in which hazardous gases are removed destroyed and/or converted. The treatments are efficient and can reduce the recalcitrance of the lignocellulosic material so that it is easier to produce an intermediate or product . sugars alcohols sugar alcohols and energy from the lignocellulosic material.



No. of Pages : 77 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.2205/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADD COMPARE SELECT INSTRUCTION

(51) International classification :G06F9/30,H03M13/41
(31) Priority Document No :13/841878
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024203
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DE LAURENTIIS Nico

(57) Abstract :
An apparatus includes memory storing an instruction that identifies a first register a second register and a third register. Upon execution of the instruction by a processor a vector addition operation is performed by the processor to add first values from the first register to second values from the second register. A vector subtraction operation is also performed upon execution of the instruction to subtract the second value from third values from the third register. A vector compare operation is also performed upon execution of the instruction to compare results of the vector addition operation to results of the vector subtraction operation.

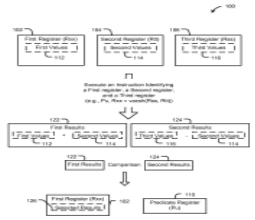

FIG. 1

No. of Pages : 29 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

(21) Application No.2306/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL PYRAZOLE DERIVATIVE

(51) International classification :C07D471/04,A61K31/444,A61K31/497
(31) Priority Document No :2013038030
(32) Priority Date :27/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/054773
Filing Date :26/02/2014
(87) International Publication No :WO 2014/133046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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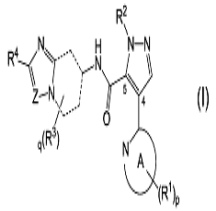
(72)**Name of Inventor :**
1)OKANO Akihiro
2)SAITOH Fumihiko
3)MAKABE Muneyoshi
4)OGAWA Kouki

(57) Abstract :
There has been a demand for a pharmaceutical composition which is used for a prophylactic and/or therapeutic agent for various diseases associated with PDE10 (for example mental disorder neurodegenerative disorder and the like). The present invention provides: a compound having a PDE10 inhibitory effect in particular a compound which is represented by formula (I) and is characterized by having a 4 heteroarylpyrazole 5 carboxylic acid amide structure a pharmaceutically acceptable salt thereof and a solvate of the compound or the salt; a pharmaceutical composition which is characterized by containing as an active ingredient the compound a pharmaceutically acceptable salt of the compound or a solvate of the compound or the salt; and a pharmaceutical use of the compound a pharmaceutically acceptable salt of the compound or a solvate of the compound or the salt.



No. of Pages : 429 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

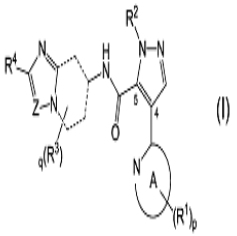
(21) Application No.2307/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYMERS PREPARED FROM ALKOXYLATED POLYAMINES

(51) International classification	:C08F283/00,A61Q5/02,A61Q5/12
(31) Priority Document No	:61/777852
(32) Priority Date	:12/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2014/054513 :10/03/2014
(87) International Publication No	:WO 2014/139902
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands
(72)**Name of Inventor :**
1)VONA Jr. Samuel Anthony
2)RODRIGUES Klin Aloysius
3)ADAMO Anthony John

(57) Abstract :
An alkoxylated (poly)amine polymer prepared from an alkoxylated (poly)amine and an ethylenically unsaturated monomer containing a free radical polymerizable double bond as well as formulations such as personal care formulations including the alkoxylated (poly)amine polymers.



(I)

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

(21) Application No.2308/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI WIRE OPEN DRAIN LINK WITH DATA SYMBOL TRANSITION BASED CLOCKING

(51) International classification	:H04L7/033,H03K5/153,H03K3/017
(31) Priority Document No	:61/803684
(32) Priority Date	:20/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/031363 :20/03/2014
(87) International Publication No	:WO 2014/153472
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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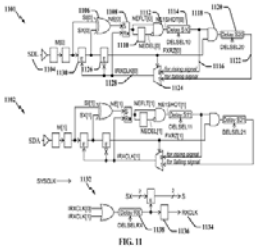
(72)**Name of Inventor :**
1)SENGOKU Shoichiro
2)CHEUNG Joseph
3)WILEY George Alan

(57) Abstract :
A method an apparatus and a computer program product are described. The apparatus generates a receive clock signal for receiving data from a multi wire opendrain link by determining a transition in a signal received from the multi wire opendrain link generating a clock pulse responsive to the transition delaying the clock pulse by a preconfigured first interval if the transition is in a first direction and delaying the clock by a preconfigured second interval if the transition is in a second direction. The preconfigured first and/or second intervals are configured based on a rise time and/or a fall time associated with the communication interface and may be calibrated by measuring respective delays associated with clock pulses generated for first and second calibration transitions.



No. of Pages : 46 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2302/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CYCLIC OCTAPEPTIDE AND USE OF COMPLEXES THEREOF WITH RADIONUCLIDES TO PRODUCE MEDICINAL AGENTS

(51) International classification :C07K7/06,C07K14/655,A61K38/08
(31) Priority Document No :2013103410
(32) Priority Date :25/01/2013
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2014/000050
Filing Date :23/01/2014
(87) International Publication No :WO 2014/116144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAZARENKO Anna Borisovna
2)VOLOZNEV Lev Vasilievich
3)GRININ Maxim Gennadievich

(57) Abstract :
11190177The invention relates to a cyclic octapeptide which is a somatostatin analogue and can be used to produce a radiopharmaceutical agent having the formula (Ia) or (Ib) with the radionuclides In Y Lu. The radiopharmaceutical agent can be used to treat tumours that express somatostatin receptors. (l) (lb) X = a chelating agent

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2303/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL OF A THREE PHASE VOLTAGE CONVERTER IN UNBALANCED MODE

(51) International classification :H02J3/26,H02M7/5387
(31) Priority Document No :13155388.5
(32) Priority Date :15/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/052806
Filing Date :13/02/2014
(87) International Publication No :WO 2014/125015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)DE PREVILLE Guillaume

(57) Abstract :
A method for controlling the current of a three phase voltage converter operating in unbalanced current mode characterised in that it comprises the steps of: defining (E1) a direct current setpoint limit value (Idlim) on the basis of a current capacity of the converter (Ilim) and a balanced direct current (Id) defining (E2) a maximum reverse current value (Iimax) on the basis of the defined direct current setpoint limit value (Idlim) and such that the phase currents are at the maximum defining (E3) a reverse current setpoint limit value (Iilim) on the basis of the maximum reverse current value (Iimax) and a balanced reverse current (Ii).

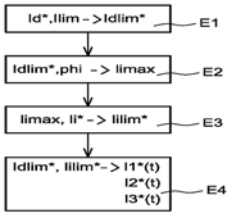

FIG. 3

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2304/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OXAZOLIDONE COMPOUND PREPARING METHOD AND APPLICATION THEREOF

(51) International classification :C07D498/06,A61K31/5383,A61P7/02
(31) Priority Document No :201310020040.8
(32) Priority Date :18/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090833
Filing Date :30/12/2013
(87) International Publication No :WO 2014/110971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHANGHAI INSTITUTE OF MATERIA MEDICA CHINESE ACADEMY OF SCIENCES
Address of Applicant :555 Zuchongzhi Road Zhangjiang Pudong Shanghai 201203 China
2)ZHE JIANG JUTAI PHARMACEUTICAL CO. LTD
(72)**Name of Inventor :**
1)YANG Yushe
2)XUE Tao
3)DING Shi
4)GUO Bin

(57) Abstract :
The present invention relates to the field of a pharmaceutical compound and more specifically relates to a new oxazolidone compound an enantiomer a diastereoisomer and a raceme thereof and a mixture thereof and a pharmaceutically acceptable salt thereof a preparation method thereof an application thereof as a bioactive substance in a drug. The compound in the present invention has strong anticoagulant activity does not affect the activity of thrombin and can reduce the risk of hemorrhage. A pharmacokinetics experiment shows that the compound in the present invention further has good metabolic characteristics and has a far better oral bioavailability than a positive contrastive agent rivaroxaban.

No. of Pages : 82 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2305/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A REUSABLE ANODE SYSTEM FOR ELECTROREFINING PROCESSES

(51) International classification :C25C7/00,C25C1/12
(31) Priority Document No :04472013
(32) Priority Date :14/02/2013
(33) Name of priority country :Chile
(86) International Application No :PCT/IB2013/053635
Filing Date :06/05/2013
(87) International Publication No :WO 2014/125341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUAREZ LOIRA Pablo
2)CUCHACOVICH MIKENBERG Daniel

(57) Abstract :
The present invention relates to a reusable anode system for electrorefining processes which allows eliminating the excess or scrap and generating a continuous electrorefining process having an increased contact surface between the anode and the electrolyte which comprises: a container (10) which is made of stainless steel and having the shape of a straight thin rectangular parallelepiped which on its front and rear faces has a plurality of holes (11) allowing the communication between the outside and inside in such a way the electrolyte is able to enter said container (10) wherein the upper portion of the container (10) is projecting higher than the position of the electrical contact bars (12 13) by means of projections (16) extending the inside (15) of the container (10) to form an unloading and loading zone and (b) a plurality of copper bars (14) coming from an extrusion and wire drawing process is grouped inside (15) of said container.

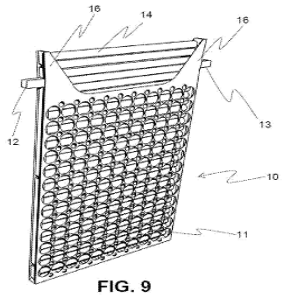

FIG. 9

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.2214/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER SENSING SYSTEM AND METHOD FOR LOW POWER VOICE COMMAND ACTIVATION IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification :H04W52/02,G10L25/78
(31) Priority Document No :13/826840
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023079
Filing Date :11/03/2014
(87) International Publication No :WO 2014/159336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SHEN Jian
2)YANG Tongzeng

(57) Abstract :
A method of activating voice control on a wireless device includes sampling signals from a plurality of sensors on the device determining if the device is in a hands on state by a user on the basis of the signal sampling and enabling a voice activated detection (VAD) application on the device on the basis of the determination. A voice controlled apparatus in a wireless device includes a plurality of sensors arranged on the device a microphone a controller to sample signals from one or more of the plurality of sensors a processor coupled to the controller and a voice activated detection (VAD) application running on the processor coupled to the controller and the microphone.

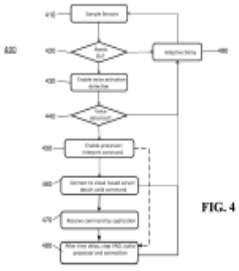

FIG. 4

No. of Pages : 32 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015
(21) Application No.2215/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATION OF A REPLICA CIRCUIT AND A TRANSFORMER ABOVE A DIELECTRIC SUBSTRATE

(51) International classification	:H01L23/522,H01L23/64,H01L27/13
(31) Priority Document No	:13/829784
(32) Priority Date	:14/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/021904 :07/03/2014
(87) International Publication No	:WO 2014/150025
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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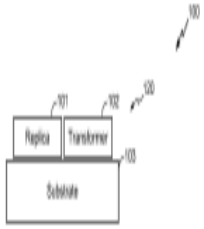
(72)**Name of Inventor :**
1)LAN Je Hsiung
2)LO Chi Shun
3)KIM Jonghae
4)VELEZ Mario Francisco
5)HONG John H.

(57) Abstract :
A particular device includes a replica circuit disposed above a dielectric substrate. The replica circuit includes a thin film transistor (TFT) configured to function as a variable capacitor or a variable resistor. The device further includes a transformer disposed above the dielectric substrate and coupled to the replica circuit. The transformer is configured facilitate an impedance match between the replica circuit and an antenna.



No. of Pages : 56 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015
(21) Application No.2216/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLID SUBSTRATES FOR PROMOTING CELL AND TISSUE GROWTH

(51) International classification :A61L27/36,A61L27/38,A61L27/44
(31) Priority Document No :61/763981
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050141
Filing Date :10/02/2014
(87) International Publication No :WO 2014/125478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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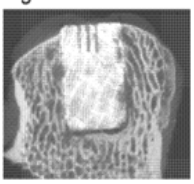
(72)**Name of Inventor :**
1)ALTSCHULER Nir

(57) Abstract :
This invention provides solid substrates for promoting cell or tissue growth or restored function which solid substrate is characterized by a specific fluid uptake capacity value of at least 75% which specific fluid uptake capacity value is determined by establishing a spontaneous fluid uptake value divided by a total fluid uptake value. This invention also provides solid substrates for promoting cell or tissue growth or restored function which solid substrate is characterized by having a contact angle value of less than 60 degrees when in contact with a fluid. This invention also provides solid substrates for promoting cell or tissue growth or restored function which solid substrate is characterized by a substantial surface roughness (Ra) as measured by scanning electron microscopy or atomic force microscopy. The invention also provides for processes for selection of an optimized coral based solid substrate for promoting cell or tissue growth or restored function and applications of the same.

Fig.3F



No. of Pages : 95 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

(21) Application No.2311/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : QUINAZOLINE INHIBITORS OF ACTIVATING MUTANT FORMS OF EPIDERMAL GROWTH FACTOR RECEPTOR

(51) International classification	:C07D403/12,A61K31/495,A61K31/505
(31) Priority Document No	:PCT/CN2013/072250
(32) Priority Date	:06/03/2013
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/GB2014/050655 :05/03/2014
(87) International Publication No	:WO 2014/135876
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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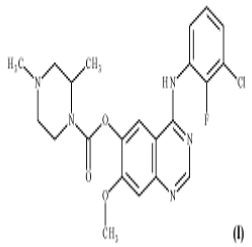
(72)**Name of Inventor :**
1)LI David Yunzhi
2)WANG Jiabing
3)YANG Zhenfan
4)ZENG Qingbei
5)ZHANG Xiaolin

(57) Abstract :
The invention relates to compounds of formula(I) or a pharmaceutically acceptable salt thereof: Formula (I) which possess inhibitory activity against activating mutant forms of EGFR and are accordingly useful for their anti cancer activity and in methods of treatment of the human or animal body. The invention also relates pharmaceutical compositions containing them and to their use in the manufacture of medicaments of use in the production of an anti cancer effect in a warm blooded animal such as man.



(I)

No. of Pages : 70 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

(21) Application No.2314/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM DEVELOPMENT DEVICE METHOD AND PROGRAM

(51) International classification :G05B19/042
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/054530
Filing Date :22/02/2013
(87) International Publication No :WO 2014/128920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI ELECTRIC CORPORATION
Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan
(72)**Name of Inventor :**
1)FURUSHIMA Hiroyuki

(57) Abstract :
To partition development units of a control system by a simple input, a system development device comprises: a storage unit wherein an object information list is stored, wherein an entry, which includes an object category of a configuration element which configures the control system, connection information which describes a connection destination of the configuration element, and setting information which is set for the configuration element, is registered for each configuration element which configures one control system; a system configuration display and editing unit which generates, for each object information list (73), a workspace display screen which in accordance with the connection information connects and displays display objects that are based on the object category of each entry registered in the object information list (73); and a partitioning unit which, upon receipt of a partitioning instruction wherein the system configuration display and editing unit designates an arbitrary second system which is included in a first system, duplicates the entries pertaining to the second system which are registered in the first object information list (73) for the first system, and generates a second object information list (73).

No. of Pages : 68 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015
(21) Application No.2315/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROGRAMMABLE CONTROLLER PROGRAMMABLE CONTROLLER SYSTEM AND EXECUTE ERROR INFORMATION CREATION METHOD

(51) International classification :G05B19/05,G06F11/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/056172
Filing Date :06/03/2013
(87) International Publication No :WO 2014/136228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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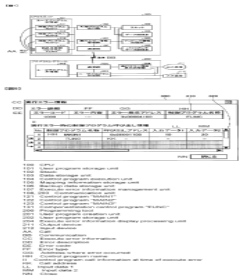
(72)**Name of Inventor :**
1)NAKAGAWA Tetsushi

(57) Abstract :
When a call of a control program to be called is made, a control program execution unit (104) stores a return address in a stack (102), and stores data which is inputted to the control program to be called in a data storage unit (103). When an execute error occurs, an execute error information management unit (107) acquires execute error information, including the return address which is stored in the stack (102), the inputted data which is stored in the data storage unit (103), and a program name corresponding to the return address which is obtained using mapping information which denotes a storage location in a user program storage unit (101) of a control program and the control program to be called.



No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

(21) Application No.2316/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MIXING REACTOR AND RELATED PROCESS

(51) International classification :B01F5/04,B01F15/06,B01J3/00
(31) Priority Document No :1300709.1
(32) Priority Date :15/01/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050103
Filing Date :15/01/2014
(87) International Publication No :WO 2014/111703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LESTER Edward
2)HUDDLE Thomas

(57) Abstract :
A mixing reactor (10) for precipitating nanoparticles by mixing a precursor fluid with a second fluid at a higher temperature than the precursor fluid. The reactor comprises: a first fluid conduit (1) with an inlet region (3) configured to receive a flow of the precursor fluid and an outlet region (4) configured to output a mixed flow; and a second fluid conduit (2) configured to receive a flow of the second fluid. The second fluid conduit (2) extends into the first fluid conduit (1) in a direction substantially perpendicular to the flow within the first fluid conduit and has an opening (5) for introducing the second fluid into the first fluid conduit. Related processes for producing nanoparticles are disclosed.

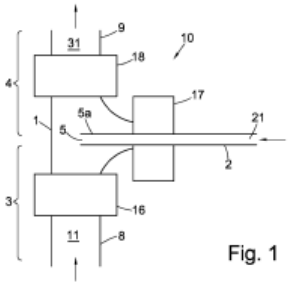

Fig. 1

No. of Pages : 26 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2317/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : UPGRADING PROCESS STREAMS

(51) International classification :C12P7/10
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021815
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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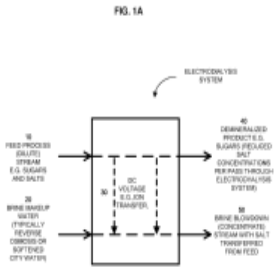
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)MUKHERJEE Maia Stapleton
4)COOPER Christopher

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) is processed to produce useful intermediates and products such as energy fuels foods or materials.. Systems methods and equipment are described for upgrading process streams using electrodialysis or electrodialysis reversal.] Many potential lignocellulosic feedstocks are available today including agricultural residues woody biomass municipal waste oilseeds/cakes and seaweed to name a few.



No. of Pages : 102 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.2224/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AMORPHOUS CALCIUM CARBONATE FOR ACCELERATED BONE GROWTH

(51) International classification :A61K33/10,A61K35/36,A61P19/08
(31) Priority Document No :61/762981
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050138
Filing Date :10/02/2014
(87) International Publication No :WO 2014/122658
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEIRON Oren
2)SHALTIEL GOLD Galit
3)DANIELY Michal

(57) Abstract :
The present invention provides a method for accelerating bone growth in a subject having a bone condition selected from the group consisting of a fracture by external force pathological fracture fatigue fracture distraction osteogenesis osteotomy osseointegration and combinations thereof the method employing the administration of a composition containing stable amorphous calcium carbonate comprising at least one stabilizer. Further provided are the orally administrable pharmaceutical compositions for use in accelerating bone growth in said bone conditions.

No. of Pages : 48 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.2225/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPRESSOR COOLING SYSTEM

(51) International classification :F04C18/02,F04C29/04
(31) Priority Document No :61/760882
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014646
Filing Date :04/02/2014
(87) International Publication No :WO 2014/123888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMERSON CLIMATE TECHNOLOGIES INC.
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(72)**Name of Inventor :**
1)IGNATIEV Kirill M.
2)STOVER Robert C.
3)PEREVOZCHIKOV Michael M.

(57) Abstract :
A system may include a compressor a heat exchanger an expansion device a lubricant separator and a flow path. The compressor includes a compression mechanism. The heat exchanger receives compressed working fluid from the compressor. The expansion device is disposed downstream of the heat exchanger. The lubricant separator receives lubricant and working fluid discharged from the compression mechanism and provides separated lubricant to the compression mechanism. The flow path may receive working fluid from the heat exchanger and may provide working fluid to the heat exchanger. The flow path may extend between a first location disposed between the heat exchanger and the expansion device and a second location disposed between the heat exchanger and the compressor. The working fluid from the flow path may absorb heat from the separated lubricant.

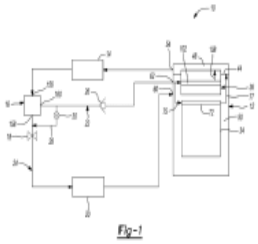
Fig-1

No. of Pages : 64 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015
(21) Application No.2226/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIELECTRIC PHASE SHIFT MODULE AND PHASE SHIFT UNIT THEREOF FEEDING NETWORK AND ANTENNA

(51) International classification :H01Q3/32
(31) Priority Document No :201310043728.8
(32) Priority Date :04/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/000046
Filing Date :16/01/2014
(87) International Publication No :WO 2014/117635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMBA TELECOM SYSTEM (CHINA) LTD.
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(72)**Name of Inventor :**
1)CAO Ming
2)LIU Peitao
3)SUN Shanqiu

(57) Abstract :
Disclosed is a feeding network which adopts a dielectric phase shift module to realize. The module comprises a dielectric apparatus forming an interlayer space a first conductor and a second conductor arranged side by side in the interlayer space and a third conductor which is located outside the interlayer space and is in contact and connection with one end at the same side of the first conductor and the second conductor respectively with different positions; the other end of the first conductor is defined as an input end; and the other end of the second conductor and any end of the third conductor are both defined as output ends. The dielectric apparatus is configured to be capable of sliding along a longitudinal direction of the first conductor and the second conductor under the action of an external force so as to change the phase of a signal which is fed in from the input end and is fed out from the output ends. Two dielectric phase shift modules can constitute a phase shift unit. Dielectric phase shift modules of the present invention are the most changeable; a phase shift unit and a feeding network constituted thereby have simple and compact structures and are easy to assemble and furthermore the electric performance obtained thereby is also relatively good.

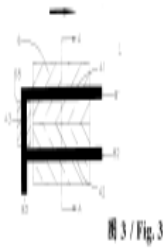

Fig. 3

No. of Pages : 32 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2323/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF LEVOCETIRIZINE AND MONTELUKAST IN THE TREATMENT OF VASCULITIS

(51) International classification :A61K31/47
(31) Priority Document No :61/780380
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021723
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAY Bruce Chandler

(57) Abstract :
The embodiments described herein include methods and formulations for treating vasculitis. The methods and formulations include but are not limited to methods and formulations for delivering effective concentrations of levocetirizine and montelukast to a patient in need. The methods and formulations can comprise conventional and/or modified release elements providing for drug delivery to the patient.

No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2135/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EXTENDING INTERACTIVE INPUTS VIA SENSOR FUSION

(51) International classification :G06F3/01,G06F3/00
(31) Priority Document No :13/843727
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023705
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MACDOUGALL Francis B.
2)EVERITT Andrew J.
3)TON Phuong L.
4)KEATING Virginia Walker
5)KRULCE Darrell L.

(57) Abstract :
Systems and methods according to one or more embodiments of the present disclosure are provided for seamlessly extending interactive inputs. In an embodiment a method comprises detecting with a first sensor at least a portion of an input by a control object. The method also comprises determining that the control object is positioned in a transition area. The method further comprises determining whether to detect a subsequent portion of the input with a second sensor based at least in part on the determination that the control object is positioned in the transition area.

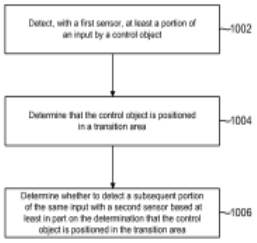

FIG. 10

No. of Pages : 40 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2136/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENHANCING TOUCH INPUTS WITH GESTURES

(51) International classification :G06F3/01,G06F3/0488
(31) Priority Document No :13/842891
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023704
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRULCE Darrell L.
2)MACDOUGALL Francis B.
3)KEATING Virginia Walker
4)EVERITT Andrew J.

(57) Abstract :
Methods and systems according to one or more embodiments are provided for enhancing interactive inputs. In an embodiment a method includes concurrently capturing touch input data on a screen of a user device and non touch gesture input data off the screen of the user device. The method also includes determining an input command based at least in part on a combination of the concurrently captured touch input data and the non touch gesture input data. And the method further includes affecting an operation of the user device based on the determined input command.

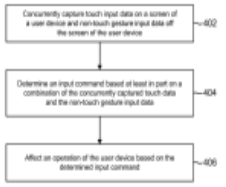

FIG. 4

No. of Pages : 29 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015
(21) Application No.2326/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD DISPLAY DEVICE AND DISPLAY METHOD AND INFORMATION PROCESSING SYSTEM

(51) International classification :G06T19/00
(31) Priority Document No :2013086023
(32) Priority Date :16/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/055352
Filing Date :04/03/2014
(87) International Publication No :WO 2014/171200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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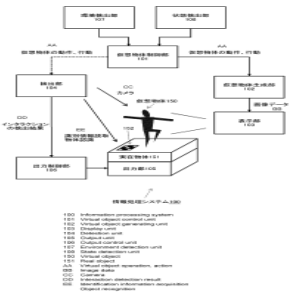
2)HOSODA Yasuhide
3)KII Manabu

(57) Abstract :
An objective of the present invention is to desirably present an interaction between a virtual object and a real space. In response to a user seeing or spotting a real object (151) a virtual object (150) corresponding to the real object (151) appears. The real object (151) comprises an output device for generating an output such as a vibration an electrical pulse heating or cooling wind sound light movement or jumping and carries out a reaction to an action which the virtual object (150) has carried out with respect to the real object (151). If the interaction between the virtual object (150) and the real object (151) is carried out with good synchronization a more realistic impression can be imparted.



No. of Pages : 117 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2327/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LEARNING MACHINE BASED DETECTION OF ABNORMAL NETWORK PERFORMANCE

(51) International classification :H04L12/24,H04L12/26
(31) Priority Document No :61/761117
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014706
Filing Date :04/02/2014
(87) International Publication No :WO 2014/123923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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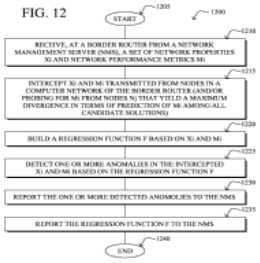
2)MERMOUD Grgory
3)DASGUPTA Sukrit

(57) Abstract :
In one embodiment techniques are shown and described relating to learning machine based detection of abnormal network performance. In particular in one embodiment a border router receives a set of network properties x; and network performance metrics M; from a network management server (NMS) and then intercepts x; and M; transmitted from nodes in a computer network of the border router. As such the border router may then build a regression function F based on x; and Mi and can detect one or more anomalies in the intercepted x; and M; based on the regression function F. In another embodiment the NMS which instructed the border router receives the detected anomalies from the border router.



No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2015

(21) Application No.2237/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADMISSION CONTROL METHOD AND DEVICE FOR WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04W48/02, H04L 12/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2013/071162 :30/01/2013
(87) International Publication No	:WO 2014/117348
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)GE Chenhui

(57) Abstract :
Disclosed are an admission control method and device for a wireless communication network. The method comprises: comparing scheduling waiting time of a first service and a first admission threshold the first service being a service of which a bearer is already established; if the scheduling waiting time of the first service is greater than the first admission threshold comparing a satisfaction rate of the first service with a second admission threshold; if the satisfaction rate of the first service is lower than the second admission threshold rejecting to establish a bearer for a second service; or if the satisfaction rate of the first service is greater than or equal to the second admission threshold allowing to establish a bearer for the second service wherein the second service is a service requesting for establishment of a bearer. By means of the technical solution according to the embodiment of the present invention the complex and inaccurate computation of a resource occupation condition is not needed thereby effectively improving the system capacity of the wireless communication network.

图 2-1 / Fig. 2-1

S201 COMPARE SCHEDULING WAITING TIME OF A FIRST SERVICE AND A FIRST ADMISSION THRESHOLD, THE FIRST SERVICE BEING A SERVICE OF WHICH A BEARER IS ALREADY ESTABLISHED
S202 IF THE SCHEDULING WAITING TIME OF THE FIRST SERVICE IS GREATER THAN THE FIRST ADMISSION THRESHOLD, COMPARE A SATISFACTION RATE OF THE FIRST SERVICE WITH A SECOND ADMISSION THRESHOLD
S203 IF THE SATISFACTION RATE OF THE FIRST SERVICE IS LOWER THAN THE SECOND ADMISSION THRESHOLD, REJECT TO ESTABLISH A BEARER FOR A SECOND SERVICE; OR IF THE SATISFACTION RATE OF THE FIRST SERVICE IS GREATER THAN OR EQUAL TO THE SECOND ADMISSION THRESHOLD, ALLOW TO ESTABLISH A BEARER FOR THE SECOND SERVICE

No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2238/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FIN TYPE SEMICONDUCTOR DEVICE

(51) International classification :H01L29/66,H01L29/78,H01L21/8234
(31) Priority Document No :13/834594
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024587
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI Xia
2)YANG Bin
3)SONG Stanley Seungchul

(57) Abstract :
An apparatus comprises a substrate and a fin type semiconductor device extending from the substrate. The fin type semiconductor device comprises a fin that comprises a first region having a first doping concentration and a second region having a second doping concentration. The first doping concentration is greater than the second doping concentration. The fin type semiconductor device also comprises an oxide layer. Prior to source and drain formation of the fin type semiconductor device a doping concentration of the oxide layer is less than the first doping concentration.

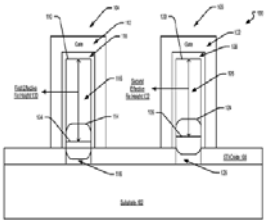

FIG. 1

No. of Pages : 57 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2239/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR CONDITIONAL OFFLOAD OF ONE OR MORE LOG LIKELIHOOD RATIOS (LLRS) OR DECODED BITS

(51) International classification :H04L1/18
(31) Priority Document No :61/770195
(32) Priority Date :27/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017894
Filing Date :24/02/2014
(87) International Publication No :WO 2014/133926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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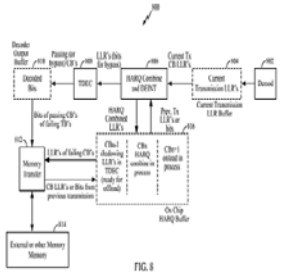
1)SMEE John Edward
2)TRAN Jean Marie Quoc Danh
3)MCCLOUD Michael Lee
4)BLACK Peter John
5)GOROKHOV Alexei Yurievitch

(57) Abstract :
Techniques and apparatus are provided for conditional offload of one or more LLRs or decoded bits. An exemplary electronic device (ED) method includes receiving a transmission of a physical downlink shared channel (PDSCH) having a transport block (TB) comprising at least one code block (CB) performing a cyclic redundancy check (CRC) of the at least one CB in a memory external to a modem core of the ED storing a subset of log likelihood ratios (LLRs) associated with the at least one CB if the at least one CB failed the CRC or decoded bits associated with the at least one CB if the at least one CB passed the CRC wherein the subset is based on an LLR range of the transmission relative to an LLR range of one or more previous transmissions and using the stored subset of LLRs or decoded bits to process a re transmission of the PDSCH.



No. of Pages : 39 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015
(21) Application No.2331/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SELECTIVELY TERMINATING SIGNALS ON A BIDIRECTIONAL BUS BASED ON BUS SPEED

(51) International classification :G06F13/40
(31) Priority Document No :13/787926
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021401
Filing Date :06/03/2014
(87) International Publication No :WO 2014/138477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SETHI Sumeet S.
3)EATON John D.
4)CUPPU Vinodh R.
5)ARORA Vikram
6)SRINIVAS Vaishnav
7)MUNEER Muhammad A.
8)BERK Isaac D.

(57) Abstract :
A method of controlling signal termination includes providing first logic for selectively terminating signals received at a first device on a bidirectional data bus providing second logic for selectively terminating signals received at a second device on the bidirectional data bus sending first signals from the first device to the second device on the bidirectional data bus at a first speed stopping the sending of the first signals after stopping the sending of the first signals enabling the second logic and shifting a reference voltage of the second device from a first level to a second level after enabling the second logic at the second device sending second signals from the first device to the second device on the bidirectional data bus at a higher speed and controlling the first logic based on a speed of signals received at the first device on the bidirectional data bus.

FIG. 3

No. of Pages : 27 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2140/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR AUGMENTED REALITY TARGET DETECTION

(51) International classification :H04N5/232,G06F3/01,G06F3/03
(31) Priority Document No :13/834669
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026000
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MACIOCCI Giuliano
2)EVERITT Andrew J.

(57) Abstract :
Systems and methods are disclosed for target based augmented reality (AR) devices to perform lowpower front end passive scanning of targets to alert users to AR content linked to any image targets the users may be viewing. Passive scanning by AR devices relieves users of the need to manually activate a camera for AR image target identification and helps to identify image targets the users may be unknowingly viewing. To conserve power AR devices may autonomously activate a camera to perform an exploratory scan when the AR devices detect from users movement patterns that users may be interested in certain targets or is in a state of attentiveness. AR devices may identify one or more image targets from the exploratory scans. If users elect to interact with the AR content AR devices may activate the camera to perform a full capture or real time tracking of the image targets to augment the AR content.

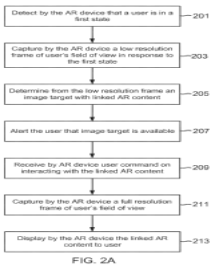

FIG. 2A

No. of Pages : 37 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2141/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR DEVICE INTERACTION BASED ON A DETECTED GAZE

(51) International classification :G06F3/01,G06F1/32
(31) Priority Document No :13/831197
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025346
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151277
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRULCE Darrell L.
2)MACDOUGALL Francis B.
3)VAN DYKEN Shaun W.

(57) Abstract :
Systems and methods are provided that allow a user to interact with a device using gaze detection. In the provided systems and methods the gaze detection is initiated by detecting a triggering event. Once gaze detection has been initiated detecting a gaze of a user may allow the user to activate a display component of the device pass a security challenge on the device and view content and alerts on the device. The gaze detection may continue looking for the user s gaze and keep the display component of the device activated as long as a gaze is detected but may deactivate the display component of the device once a gaze is no longer detected. To conserve power the gaze detection may also be deactivated until another triggering event is detected.

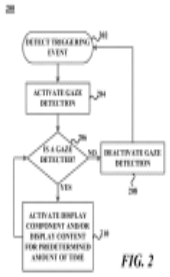

FIG. 2

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015
(21) Application No.2240/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR

(51) International classification :H03M 7/00
(31) Priority Document No :61/748,964
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000093
Filing Date :06/01/2014
(87) International Publication No :WO/2014/107065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1889/MUMNP/2015
Filed on :14/07/2015

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(72)**Name of Inventor :**
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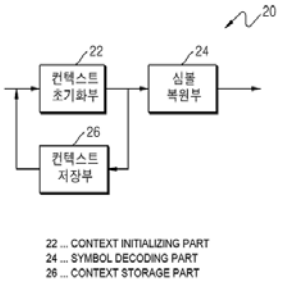
2)CHOI, Byeong-doo

(57) Abstract :
The present invention relates to entropy encoding and entropy decoding for encoding and decoding a video signal. The method for entropy-decoding a video signal comprises the steps of: determining a bin string and a bin index for the maximum encoding unit obtained from a bit stream; when determining the value of a syntax element by comparing the presently obtained bin string with the bin strings to be assigned to the syntax element in the bin index, if the syntax element is the last one in the last maximum encoding unit, and a subordinate slice segment can be included in the picture including the maximum encoding unit, storing the context parameters for the maximum encoding unit; and decoding the symbols of the maximum encoding unit by using the value of the previously determined syntax element. .



No. of Pages : 89 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2335/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REDUCED REDUNDANCY IN STORED DATA

(51) International classification :G06F12/16,G06F12/14
(31) Priority Document No :13/756921
(32) Priority Date :01/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014225
Filing Date :31/01/2014
(87) International Publication No :WO 2014/121109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIANG Suihong

(57) Abstract :
Through use of the technologies of the present invention one is able to store data efficiently by the use of new and non obvious methods systems and computer program products that minimize the need to store duplicative data. Optionally user data can be preprocessed in order to encode the data before entering a protocol for reducing the number of times that one stores redundant data.

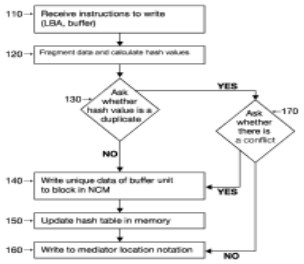

Figure 1

No. of Pages : 49 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015
(21) Application No.2248/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PNEUMATIC PRODUCT SORTING APPARATUS

(51) International classification :B07C5/36,B07B4/02,F16K31/06
(31) Priority Document No :TO2013A000154
(32) Priority Date :25/02/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/059243
Filing Date :25/02/2014
(87) International Publication No :WO 2014/128683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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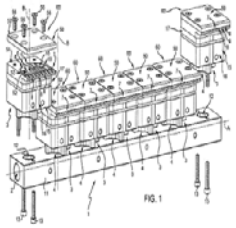
(72)**Name of Inventor :**
1)GAIARDO Mario
2)MENALDO Massimo

(57) Abstract :
Pneumatic product sorting apparatus (1 70) comprising: at least one solenoid valve (3 3) having a hollow body (15) defining at least one inlet orifice (4) for a pressurized fluid a plurality of outlet orifices (6) and a plurality of conveying channels (5) for conveying the fluid from the inlet orifice (4) to the respective outlet orifices (6); at least one ejection head (7) having a plurality of firing nozzles (8) that are selectively operable for emitting respective pressurized fluid jets directly on products to be selected; and a plurality of connecting conduits (10) connecting each firing nozzle (8) to a corresponding outlet orifice (6) of said solenoid valve (3 3); the ejection head (7) is formed by a cover (50) of the body (15) of the solenoid valve (3 3) and the connecting conduits (10) are obtained in the aforesaid cover (50).



No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

(21) Application No.2249/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESTIMATION OF IMPERFECTIONS OF A TIME INTERLEAVED ANALOG TO DIGITAL CONVERTER

(51) International classification :H03M1/10,H03M1/12
(31) Priority Document No :61/774967
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054467
Filing Date :07/03/2014
(87) International Publication No :WO 2014/135685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUNDBLAD Rolf

(57) Abstract :
A method of operating a time interleaved analog to digital converter for conversion of an analog input signal to a digital output signal having a sample rate R is disclosed. The time interleaved analog to digital converter comprises a timing circuit for generating a number M of timing signals and an array of an integer number N of constituent analog to digital converters each having an analog input and a digital output. The method comprises for each of at least some activations (110) of the array of constituent analog to digital converters defining (120) a first set of an integer number K of the constituent analog to digital converters and a second set of an integer number L of the constituent analog to digital converters feeding (130) the analog input of each of the constituent analog to digital converters of the first set with a reference value for imperfection measurements (134) and clocking (132) each of the constituent analog to digital converters of the first set with one of the timing signals feeding (140) the analog input of each of the constituent analog to digital converters of the second set with the analog input signal for generation (144) of an intermediate constituent digital output signal at the digital output and clocking (142) each of the constituent analog to digital converters of the second set with one of the timing signals wherein no timing signal is used to clock two or more of the constituent analog to digital converters of the second set. Corresponding computer program product time interleaved analog to digital converter integrated circuit and electronic device are also disclosed.

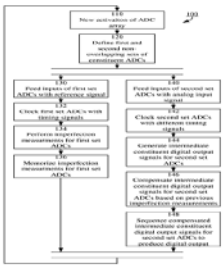
Fig. 1

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2344/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMIDAZO PYRIDINE COMPOUNDS

(51) International classification :C07D471/02,C07D487/02,C07D491/02
(31) Priority Document No :61/777216
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020297
Filing Date :04/03/2014
(87) International Publication No :WO 2014/143583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
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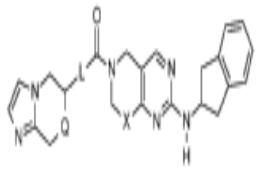
(72)**Name of Inventor :**
1)JONES Spencer Brian
2)NORMAN Bryan Hurst
3)PFEIFER Lance Allen

(57) Abstract :
2222The present invention provides compounds of the formula I wherein X is a bond or CH; Q is CH or O; L is selected from the group consisting of OCH and CHO ; or a pharmaceutically acceptable salt thereof. Compounds of the invention are autotaxin inhibitors.



I

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2345/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROOF RAIL RETAINER ROOF RAIL ASSEMBLY AND VEHICLE HAVING THE ROOF RAIL ASSEMBLY

(51) International classification :B60R9/04
(31) Priority Document No :10 2013 003 133.8
(32) Priority Date :26/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050221
Filing Date :08/01/2014
(87) International Publication No :WO 2014/131530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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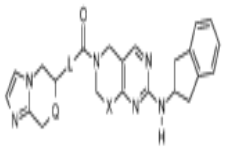
(72)**Name of Inventor :**
1)BINDER Hans
2)BINDER Ottmar
3)SIRRENBERG Stefan
4)HIPPE Marcus

(57) Abstract :
The invention relates to a roof rail retainer (3) comprising an adapter component (5) which has a fastening apparatus (10) for mounting on a roof (48) of a vehicle and a fastening device (8) for mounting a roof rail (1) of the vehicle. According to the invention the fastening apparatus (10) has a bolt element (4) which is preferably provided with a thread (16 17) and which is surrounded by a compressible sealing ring (12) wherein at least one supporting element (18) is associated with the bolt element (4) and lies in contact with the adapter component (5) or is connected to the adapter component (5) on one side and has at least one supporting surface (66) that can be placed onto the roof (48) of the vehicle on the other side and wherein as viewed in the axial direction of the bolt element (4) the thickness (47) of the uncompressed sealing ring (12) is greater than the supporting length (45) of the supporting element (18). The invention further relates to a roof rail assembly and a vehicle having a roof rail assembly.



I

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2169/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADAPTIVE ASSISTANCE DATA FOR TIERED SERVICE AND EFFICIENCY IN INDOOR POSITIONING

(51) International classification :G01S5/02
(31) Priority Document No :13/787595
(32) Priority Date :06/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019804
Filing Date :03/03/2014
(87) International Publication No :WO 2014/137868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VENKATRAMAN Sai Pradeep
2)DO Ju Yong
3)GAO Weihua
4)EMADZADEH Amir A.
5)RAMAN Sundar
6)ZHANG Gengsheng

(57) Abstract :
A method for providing tiered indoor positioning service includes: receiving a request for assistance data from a mobile device; receiving expected quality of service information from the mobile device; generating an adaptive assistance data file comprising heat map data based at least in part on the received expected quality of service information; and transmitting the adaptive assistance data file to the mobile device.

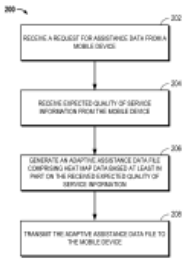

FIG. 2

No. of Pages : 30 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2256/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR POSITIONING IMAGE AREA USING IMAGE SENSOR LOCATION

(51) International classification	:H04N5/232,H04N5/262
(31) Priority Document No	:1020130020757
(32) Priority Date	:26/02/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/001302 :18/02/2014
(87) International Publication No	:WO 2014/133278
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
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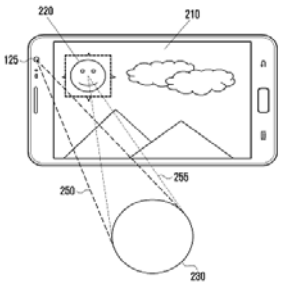
(72)**Name of Inventor :**
1)KIM Moonsoo
2)CHOI Hongsuk

(57) Abstract :
An apparatus and a method for processing a plurality of images by using an electronic device are provided. The method includes displaying at least a portion of a first image obtained by a first image sensor functionally connected to the electronic device as a first preview image in a display functionally connected to the electronic device and displaying at least a portion of a second image obtained by a second image sensor functionally connected to the electronic device as a second preview image together with the first preview image in the display. An area of the display for displaying the second preview image corresponds at least to a location of the second image sensor in the display.



No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2257/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC DEVICE HAVING TOUCH SENSITIVE USER INTERFACE AND RELATED OPERATING METHOD

(51) International classification :G06F3/03,G06F3/041,G06F3/02
(31) Priority Document No :1020130019409
(32) Priority Date :22/02/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/001322
Filing Date :19/02/2014
(87) International Publication No:WO 2014/129787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YU Donghun
2)KIM Woogeun
3)JEONG Hyesoon
4)PARK Chulhui
5)HONG Sunyeal

(57) Abstract :
A method and electronic device are provided to process a touch screen event detected from a touch screen and to process an input key event detected from an input key. The input key may be installed near the touch screen panel. The method comprises detecting a first event comprising one of an input key event from the input key of the electronic device and a touch screen event from the touch screen and detecting a second event within a given time after the detection of the first event the second event comprising the other of an input key event from the input key of the electronic device and a touch screen event from the touch screen. The method further comprises performing a function corresponding to the touch screen event while ignoring the input key event.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2258/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR REMOVING AMMONIA FROM A VENT GAS STREAM OF A UREA PLANT

(51) International classification :B01D53/58,B01D53/86
(31) Priority Document No :MI2013A000268
(32) Priority Date :25/02/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/059242
Filing Date :25/02/2014
(87) International Publication No :WO 2014/128682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAIPEM S.P.A.
Address of Applicant :Via Martiri di Cefalonia 67 I San Donato Milanese Italy
(72)**Name of Inventor :**
1)CARLESSI Lino
2)BRUNO Lorenzo
3)GALATI Rosario

(57) Abstract :
A method of removing ammonia from a continuous vent gas stream of a urea plant (1) in particular of a medium pressure section (6) of a urea plant includes a step of removing ammonia from the continuous vent gas stream of the urea plant (1) by means of a controlled combustion process including at least a first lean oxygen poor combustion step performed in the presence of an understoichiometric amount of oxygen acting as the sole comburent and in a reducing atmosphere of hydrogen.

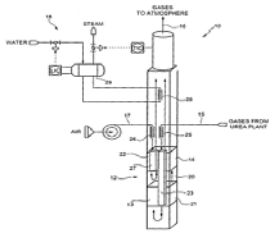

FIG. 2

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2348/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USING MOTION TO IMPROVE LOCAL WIRELESS NETWORK CONNECTIVITY

(51) International classification :H04W52/02,H04W36/32
(31) Priority Document No :13/800431
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025614
Filing Date :13/03/2014
(87) International Publication No :WO 2014/160007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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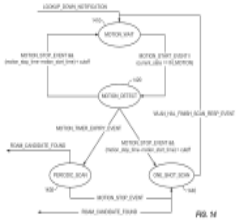
(72)**Name of Inventor :**
1)LEE Jin Won
2)TEAGUE Edward Harrison

(57) Abstract :
The disclosure is directed to using motion to reduce unnecessary scans for local wireless networks. An aspect determines whether or not a motion state change event of a user device indicates a change from a moving motion state to a stationary motion state and if the motion state change event indicates a change from a moving motion state to a stationary motion state ignoring the motion state change event. An aspect of the disclosure is directed to using motion to reduce latency of scanning for local wireless networks. An aspect determines whether or not a user device is in motion determines whether or not a periodic scan timer has expired and/or a received signal strength indicator (RSSI) is below a threshold and if the user device is in motion and the periodic scan timer has expired or the RSSI is below the threshold scanning for a local wireless network.



No. of Pages : 59 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2161/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE BASED APPLICATION LAUNCHER

(51) International classification :G06K9/00,G06F9/445
(31) Priority Document No :13/804643
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020313
Filing Date :04/03/2014
(87) International Publication No :WO 2014/158814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GERVAUTZ Michael
2)WRIGHT Gerald V. Jr.
3)LAWRENCE ASHOK INIGO Roy

(57) Abstract :
Techniques for managing applications associated with a mobile device are provided. The techniques disclosed herein include techniques for obtaining an image of an object in the view of a camera associated with a mobile device identifying the object in the image based on attributes of the object extracted from the image and determining whether one or more applications are associated with the object. If there are one or more applications associated with the real world object an application associated with the object can be automatically launched on the mobile device. The association between a real world object and an application may be identified by a visual indicator such as an icon symbol or other markings on the object that indicates that the object is associated with one or more applications.

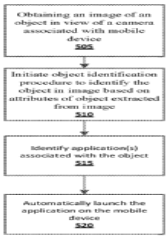

FIG. 5

No. of Pages : 86 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015
(21) Application No.2259/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING AN INTERFACE BETWEEN A UICC AND A PROCESSOR IN AN ACCESS TERMINAL THAT SUPPORTS ASYNCHRONOUS COMMAND PROCESSING BY THE UICC

(51) International classification	:H04W4/00, G06F 13/00
(31) Priority Document No	:61/803194
(32) Priority Date	:19/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/060937
Filing Date	:20/09/2013
(87) International Publication No	:WO 2014/149072
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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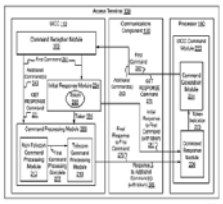
(72)**Name of Inventor :**
1)BERIONNE Michele
2)RUVALCABA Jose Alfredo
3)KANG Younghwan
4)BECKMANN Nicholas Matthias

(57) Abstract :
Techniques for providing an interface between a UICC and a processor included in an access terminal that supports asynchronous command processing by the UICC are described. A first complex command with a first processing time may be received from the processor. An initial response to the first command including a token may be sent to the processor. The first command may be processed for the first processing time. At least one additional command having a processing time shorter than the first processing time may be received from the processor. Processing of the first command may be completed. Processing of a current one of the at least one additional command which was being processed before during or after completion of the processing of the first command may be completed. A response to the current one of the at least one additional command including the token may be sent to the processor.



No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2260/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW SURFACE TREATMENT OF WHITE MINERAL MATERIALS FOR APPLICATION IN PLASTICS

(51) International classification :C08K5/49
(31) Priority Document No :13156349.6
(32) Priority Date :22/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/053036
Filing Date :17/02/2014
(87) International Publication No :WO 2014/128087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RENTSCH Samuel
2)BURI Matthias
3)GANE Patrick Arthur Charles

(57) Abstract :
The present invention relates to a polymer composition comprising at least one polymeric resin and from 0.1 to 95 wt. % of at least one surface reactive white mineral material a process for preparing a surface reactive white mineral material a surface reactive white mineral material obtainable by the process a fibre and/or filament and/or film and/or thread and/or breathable film comprising the polymer composition and/or the surface reactive white mineral material an article comprising the polymer composition and/or the surface reactive white mineral material and/or the fibre and/or filament and/or film and/or thread and/or breathable film as well as the use of a phosphoric acid ester blend for decreasing the hydrophilicity and/or moisture pick up susceptibility of the surface reactive white mineral material containing particle surface.

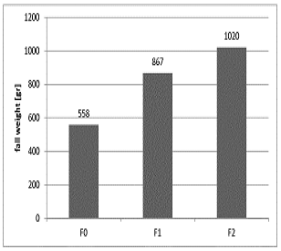

Fig. 1

No. of Pages : 77 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2354/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THERAPEUTIC COMPOUNDS AND USES THEREOF

(51) International classification :C07D215/233
(31) Priority Document No :61/767087
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017270
Filing Date :20/02/2014
(87) International Publication No :WO 2014/130612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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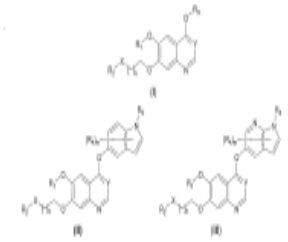
(72)**Name of Inventor :**
1)ONG Winston Zapanta
2)NOWAK Pawel Wojciech
3)ASKEW Ben C.
4)KIM Jinsoo

(57) Abstract :
Described herein are compounds of Formula (I) (III) pharmaceutically acceptable salts thereof and pharmaceutical compositions thereof. Also provided are particles (e.g. nanoparticles) comprising compounds of Formula (I) (III) and pharmaceutical compositions thereof that are mucus penetrating. Methods of using the compounds or pharmaceutical compositions thereof for treating and/or preventing diseases are also provided.



No. of Pages : 164 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2269/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEAR FIELD OPTICAL SENSING SYSTEM

(51) International classification :G06F3/042
(31) Priority Document No :13/829009
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021048
Filing Date :06/03/2014
(87) International Publication No :WO 2014/158946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CUI Xiquan
2)SEZAN Muhammed Ibrahim
3)GRUHLKE Russell Wayne
4)ZHANG Qiang

(57) Abstract :
This disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for sensing touch and/or gestures in the near field area overlying a light guiding layer within a device or other optical sensing system. In one aspect modulated infrared light is emitted into the overlying area and the light reflected by objects within the overlying area is redirected through the light guiding layer to infrared sensors. In one aspect a masking structure can be located between the light guiding layer and the infrared sensors. In some aspects probability mapping or backtracing can be used to estimate the locations of objects within the overlying area.

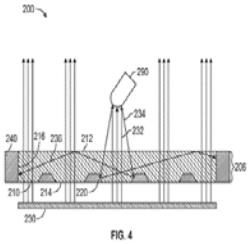

FIG. 4

No. of Pages : 40 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015
(21) Application No.2270/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FIBREGLASS BIN AND WASTE INCINERATION METHOD

(51) International classification :G21F9/14,F23G5/08,G21F9/32
(31) Priority Document No :13 51262
(32) Priority Date :14/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/052830
Filing Date :13/02/2014
(87) International Publication No :WO 2014/125030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AREVA NC
Address of Applicant :Tour Areva 1 Place Jean Millier F 92400 Courbevoie France
(72)**Name of Inventor :**
1)BOEN Roger
2)CHARVIN Patrice

(57) Abstract :
The bin of the invention can be used to incinerate waste for a period of more than fifteen minutes in an incinerator without the waste being pre melted in particular as it is being inserted into the incinerator. The bin is mainly formed by a fibreglass casing (10) and is preferably reinforced with a lightweight metal structure (12) positioned outside or inside the casing or built into same. The assembly is topped with a gripping handle (14) and the upper portion of the assembly is stiffened by a metal tube (16) to which the lightweight metal structure (12) is secured with a base formed by a drip pan (18) being secured to the base of the lightweight metal structure (12). The invention is suitable for the incineration of toxic waste.

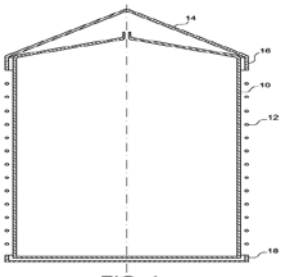

FIG. 1

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015

(21) Application No.2360/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM INFORMATION SCHEDULING METHOD AND DEVICE THEREFOR

(51) International classification :H04W4/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/071455
Filing Date :06/02/2013
(87) International Publication No :WO 2014/121461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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(72)**Name of Inventor :**
1)TANG Zhenfei
2)LV Yongxia
3)LIU jing

(57) Abstract :
Provided are a system information scheduling method and a device therefor. The method includes: receiving a first message sent by a base station the first message including a master information block (MIB) or downlink control information; according to the first message determining scheduling information about a physical downlink shared channel (PDSCH) corresponding to the first message the scheduling information including the scheduling information about the PDSCH corresponding to system information in the MIB or the downlink control information; according to the scheduling information determining transmission information about the PDSCH corresponding to the system information including: at least one piece of information on whether the system information exists a transmission sub frame of the system information a modulation and coding mode of the PDSCH corresponding to the system information and resource allocation information about the PDSCH corresponding to the system information; and according to the transmission information about the PDSCH corresponding to the system information receiving the system information so as to reduce the extra overheads of a control instruction when an SIB is scheduled by means of a PDCCH in the prior art.

No. of Pages : 74 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015

(21) Application No.2361/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PURIFYING HYDROCARBONS

(51) International classification :C07C37/08,C07C45/80,C07C7/10
(31) Priority Document No :13156818.0
(32) Priority Date :26/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/053742
Filing Date :26/02/2014
(87) International Publication No :WO/2014/131800
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOREALIS AG
Address of Applicant :IZD Tower Wagramerstrasse 17 19 A 1220 Vienna Austria
(72)**Name of Inventor :**
1)SAUKONOJA Jouni
2)LINDHOLM Tero
3)PAKALA Tero
4)PAKALA Timo

(57) Abstract :
A process for washing hydrocarbons said process comprising: (I) distilling a crude acetone mixture preferably obtained from the cleavage of cumene hydroperoxide and containing hydrocarbons and water so as to form a bottoms fraction containing said hydrocarbons in an organic phase and an aqueous phase; (II) contacting at least a part of said bottoms fraction with an aqueous metal hydroxide solution so as to provide a concentration of 0.1 to 5 wt% MOH where M is an alkali metal in the aqueous phase; (III) separating the aqueous phase and the organic phase; (IV) contacting at least a part the organic phase from step (III) with an aqueous metal hydroxide solution so as to provide a concentration of 6 to 20 wt% MOH in the aqueous phase; (V) separating the organic phase and aqueous phase formed in step (IV); (VI) washing at least a part of the organic phase of step (V) with water.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015

(21) Application No.2363/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR HEATING AN EXPANSION MACHINE OF A WASTE HEAT RECOVERY APPARATUS

(51) International classification :F01K23/06
(31) Priority Document No :61/761337
(32) Priority Date :06/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051034
Filing Date :18/07/2013
(87) International Publication No :WO 2014/123572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIBBLE John

(57) Abstract :
A waste heat recovery apparatus for use with an internal combustion engine includes a working fluid circuit to circulate working fluid a boiler connected on the working fluid circuit and adapted to recover waste heat from a source to heat working fluid an expander connected on the working fluid circuit to receive working fluid from the boiler and a heating jacket associated with the expander. The working fluid circuit downstream of the boiler includes a first branch connecting to an inlet of the expander and a second branch connecting to the heating jacket. A valve is connected on the working fluid circuit to selectively control working fluid flow to one of the first branch for expansion and recovering work or to the second branch to heat the expander responsive to a temperature of the working fluid.

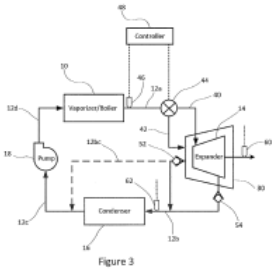

Figure 3

No. of Pages : 16 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015
(21) Application No.2364/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MACHINE CORE OF PACKING MACHINE

(51) International classification :B65B13/18,B65B13/22
(31) Priority Document No :201310055238.X
(32) Priority Date :21/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072430
Filing Date :12/03/2013
(87) International Publication No :WO/2014/127550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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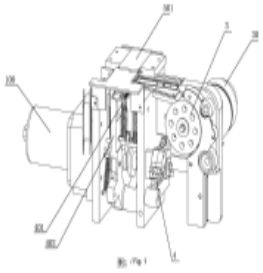
(72)**Name of Inventor :**
1)LUO Bangyi

(57) Abstract :
A machine core of a packing machine comprises a packing strap ironing adhering and strap cutting mechanism an ironing adhering sliding board mechanism and a control mechanism. The machine core is further provided with a strap feeding and returning and strap tightening device. The strap feeding and returning and strap tightening device comprises a drive roller (3) a first driven roller (1) and a second driven roller (2). According to the entry direction of a packing strap the first driven roller (1) is located down stream from the second driven roller (2). The first driven roller (1) and the second driven roller (2) are respectively arranged eccentrically. The first driven roller (1) and the drive roller (3) are always in contact with one another and cooperate for feeding and returning the strap. The second driven roller (2) is a movable roller and is controlled by the control mechanism to move to a first matching state with the drive roller (3) and to move out of the first matching state with the drive roller (3). The first matching state is the state in which the second driven roller (2) and the drive roller (3) are in contact with and cooperating with one another for tightening the strap. The machine core of the packing machine has a simple structure can enable movement of simultaneous strap returning and tightening thereby reducing failure rate and achieving good packing.



No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015
(21) Application No.2365/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MACHINE CORE OF PACKING MACHINE

(51) International classification :B65B13/18,B65B13/32,B65B61/04
(31) Priority Document No :201310056243.2
(32) Priority Date :22/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072404
Filing Date :11/03/2013
(87) International Publication No :WO/2014/127549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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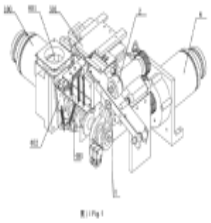
(72)**Name of Inventor :**
1)LUO Bangyi

(57) Abstract :
A machine core of a packing machine. A delivery and returning belt and dragging belt device of the machine core comprises a first roller (1) and a second roller (2). The second roller (2) is controlled by a control mechanism to move to a first matching state with the first roller (1) and to move out of the first matching state with the first roller (1) to a second matching state. The first roller (1) is connected with a first transmission gear (10) capable of driving the first roller (1) to rotate. The second roller (2) is connected with a second transmission gear (20) capable of driving the second roller (2) to rotate. The second transmission gear (20) and the second roller (2) conduct synchronous displacement. The first transmission gear (10) receives power through a gear transmission mechanism to drive the first roller (1) to rotate. The second transmission gear (20) receives power through the gear transmission mechanism. The second transmission gear (20) moves into a first gear matching state with a gear transmitting the power to the second transmission gear (20) through the displacement and moves out of the first gear matching state. The machine core has a simple structure is capable of reducing failure rate and has a good packing effect. In addition the binding force the length of belt delivery the temperature and the ironing connection delay of the machine core can be adjusted through a potentiometer.



No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2015

(21) Application No.2268/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIPURPOSE ANTENNA

(51) International classification :H01Q1/24,H01Q7/00,H01Q13/10
(31) Priority Document No :13/831714
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025997
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151558
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TRAN Allen
2)JENWATANAVET Jatupum

(57) Abstract :
A multiband antenna (100) for a wireless device includes a housing base portion (140) housing antenna portion (180) and a feed contact (185). The housing base portion configured to receive radio circuitry thereon and include a first peripheral edge (162) and a first conductive material. The housing antenna portion spaced away from and substantially opposed to the housing base portion including a second peripheral edge (166) and a second conductive material. The housing base and antenna portions together forming an outermost housing of the mobile wireless device enclosing the radio circuitry there between. The first and second peripheral edges forming opposed lengthwise edges of a slot (160) having a width formed by a distance between the first and second peripheral edges.

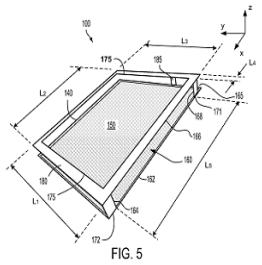

FIG. 5

No. of Pages : 43 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015

(21) Application No.2366/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROSTHETIC ATTACHMENT LOCK

(51) International classification :A61F2/80,A61F2/78
(31) Priority Document No :1303341.0
(32) Priority Date :26/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050339
Filing Date :06/02/2014
(87) International Publication No :WO 2014/132029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BROWN Geoffrey
Address of Applicant :Oakfields House Hackmans Lane Purleigh Chelmsford Essex CM3 6RJ U.K.
(72)**Name of Inventor :**
1)BROWN Geoffrey

(57) Abstract :
An attachment lock (27) for a prosthetic limb including a housing (28) having an opening (32) for insertion of a prosthetic locking pin (13). A locking member (29) is mounted within the housing (28) and is arranged releasably to secure an inserted locking pin (13). The lock (27) includes means (35) to adjust the position of the locking member (29) relative to the housing (28) along the axis of an inserted locking pin (13).

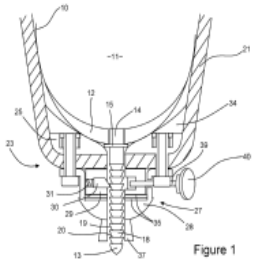

Figure 1

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/08/2015

(21) Application No.2367/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR QUALITY AUTO BLENDING IN CALL ROUTING

(51) International classification :H04M15/00
(31) Priority Document No :13/770103
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016805
Filing Date :18/02/2014
(87) International Publication No :WO 2014/130423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SAINI Aakratee
2)PANDE Avanish
3)CONREY Joseph F.
4)HO Roy

(57) Abstract :
A system and method blend particular quality considerations into the process of expanding the route choices in a route table such that more calls can be successfully routed while maximizing certain objectives. The quality considerations drive how additional routes are chosen for the route table and how call volumes are allocated to the chosen routes so that overall profitability can be maximized within the governing constraints of quality targets route quality predicted traffic and route capacity.

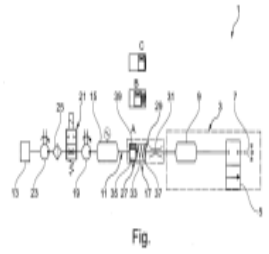

Fig.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2368/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DYNAMICALLY ADJUSTING A SET OF MONITORED NETWORK PROPERTIES USING DISTRIBUTED LEARNING MACHINE FEEDBACK

(51) International classification :H04L12/24,H04L12/26
(31) Priority Document No :61/761118
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014698
Filing Date :04/02/2014
(87) International Publication No :WO/2014/123918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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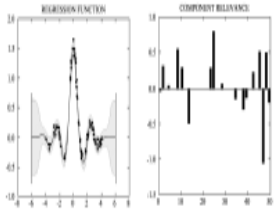
(72)**Name of Inventor :**
1)VASSEUR Jean Philippe
2)MERMOUD Grgory
3)DASGUPTA Sukrit

(57) Abstract :
In one embodiment techniques are shown and described relating to dynamically adjusting a set of monitored network properties using distributed learning machine feedback. In particular in one embodiment a learning machine (or distributed learning machines) determines a plurality of monitored network properties in a computer network. From this a subset of relevant network properties of the plurality of network properties may be determined such that a corresponding subset of irrelevant network properties based on the subset of relevant network properties may also be determined. Accordingly the computer network may be informed of the irrelevant network properties to reduce a rate of monitoring the irrelevant network properties.



No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015
(21) Application No.2369/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACCELERATED LEARNING BY SHARING INFORMATION BETWEEN MULTIPLE LEARNING MACHINES

(51) International classification :G06N99/00,H04L29/12
(31) Priority Document No :61/761103
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014694
Filing Date :04/02/2014
(87) International Publication No :WO 2014/123917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MERMOUD Gregory
2)VASSEUR Jean philippe
3)DASGUPTA Sukrit

(57) Abstract :
In one embodiment variables maintained by each of a plurality of Learning Machines (LMs) are determined. The LMs are hosted on a plurality of Field Area Routers (FARs) in a network and the variables are sharable between the FARs. A plurality of correlation values defining a correlation between the variables is calculated. Then a cluster of FARs is computed based on the plurality of correlation values such that the clustered FARs are associated with correlated variables and the cluster allows the clustered FARs to share their respective variables.

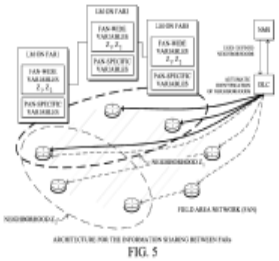

FIG. 5

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015
(21) Application No.2355/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF AND APPARATUS FOR PROCESSING SOFTWARE USING HASH FUNCTION TO SECURE SOFTWARE AND COMPUTER READABLE MEDIUM STORING EXECUTABLE INSTRUCTIONS FOR PERFORMING THE METHOD

(51) International classification :G06F21/44,G06F21/12
(31) Priority Document No :1020130011980
(32) Priority Date :01/02/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000865
Filing Date :29/01/2014
(87) International Publication No :WO 2014/119936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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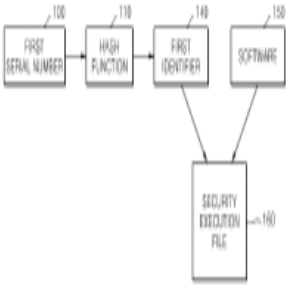
(72)**Name of Inventor :**
1)NEYVANOV Andrey
2)RAIEVSKYI Mykola

(57) Abstract :
A method and apparatus for processing software using a hash function to secure the software includes generating a first identifier using a hash function from a first serial number based on a user input; and generating a security execution file by combining the first identifier with the software wherein the first serial number is authentication information used to verify an access right to the software. The method and apparatus further include in response to receiving an outside request for access to the software requesting information proving an access right; generating a second identifier using the hash function from a second serial number that is included in the received information proving the access right; and in response to a determination that the second identifier matches the first identifier allowing an access to the software.



No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2356/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL APPLIANCE COMPRISING A MOVABLE ELECTRODE

(51) International classification :H01H33/24,H01H33/04
(31) Priority Document No :13 51440
(32) Priority Date :20/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/053077
Filing Date :18/02/2014
(87) International Publication No :WO 2014/128103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)VINSON Paul
2)HUANG Liuliu

(57) Abstract :
The invention relates to a high voltage appliance (10) comprising: an upstream contact (12) and a downstream contact (22) axially movable between a closed position of the appliance (10) and a downstream open position of the appliance (10); and a downstream electrode (30) that is rigidly connected to the downstream contact (22) during a movement between said downstream position and an intermediate position located downstream from the upstream position and located upstream from said downstream position characterized in that the upstream contact (12) is movably mounted in the appliance (10) and is capable of moving while rigidly connected to the downstream contact (22) between a downstream position in which the contact is set up between the upstream contact (12) and the downstream contact (22) and an upstream position corresponding to the closed position of the appliance (10).

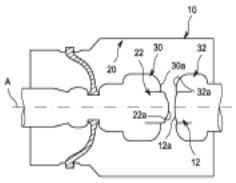


FIG. 3

No. of Pages : 20 No. of Claims : 9

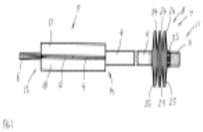
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015
(21) Application No.2357/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROCK BOLT

(51) International classification :E21D21/00
(31) Priority Document No :13001029
(32) Priority Date :07/02/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2014/000015
Filing Date :06/02/2014
(87) International Publication No :WO 2014/123467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)V…HLSTR–M Ola
Address of Applicant :Stubbvgen 14 S 983 34 Malmberget Sweden
(72)**Name of Inventor :**
1)V…HLSTR–M Ola

(57) Abstract :
Rock bolt (1) comprising at least an elongated body (4) one end of which comprises at least a first external conical portion (16) extending through at least one hole (12) in at least a cylindrical expandable body (5) the hole (12) over a section of the bore hole in the axial direction comprises an internally conical part (15) intended to cooperate with the elongate member outer conical portion (16). Upon relative movement of the elongate body (4) and the expandable body (5) in one direction expands the expandable body in the radial direction. The relative axial movement between the elongated body (4) and the expandable body (5) is provided by at least one tensioning device (7) The rock bolt comprises at least one wedge device (2) which in use of the rock bolt is connected to the expandable body (5) hole (12) and at least partially inserted between a first portion (17) and at least a second part (18). The rock bolt further comprises at least one connecting means (21).



No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2015

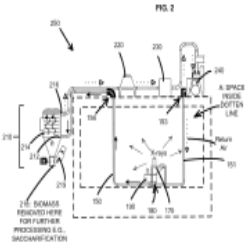
(21) Application No.2276/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING MATERIALS

(51) International classification :G01T7/08
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021632
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit L Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)PARADIS Robert

(57) Abstract :
Materials such as biomass feedstocks (e.g. plant biomass animal biomass and municipal waste biomass) are processed to produce useful products such as fuels. Conveying systems such as flowing gas conveying systems and such as closed loop flowing gas conveying systems are described. Many potential lignocellulosic feedstocks are available today including agricultural residues woody biomass municipal waste oilseeds/cakes and seaweed to name a few.



No. of Pages : 77 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2278/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS TO DISCOVER CONFIGURE AND LEVERAGE RELATIONSHIPS IN INTERNET OF THINGS (IOT) NETWORKS

(51) International classification	:H04L12/28,H04L29/08,H04W4/08
(31) Priority Document No	:61/769130
(32) Priority Date	:25/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/018369 :25/02/2014
(87) International Publication No	:WO 2014/131021
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GUEDALIA Isaac David
2)GUEDALIA Jacob
3)CHANDHOK Ravinder Paul
4)GLICKFIELD Sarah

(57) Abstract :
The disclosure generally relates to various methods to discover configure and leverage relationships in Internet of Things (IoT) networks. More particularly the methods disclosed herein may support automated processes to create configurable sub divisions and access controls in an IoT network based on usage associated with objects that are registered in the IoT network and interactions among the registered objects. Furthermore in one embodiment relationships between IoT devices that belong to different users may be implicitly discovered and/or ranked based on meetings (e.g. interactions) between the IoT devices and relationships between the different users may likewise be implicitly discovered and/or ranked. Moreover locations and interactions associated with IoT devices may be tracked over time to further discover user specific and potentially asymmetric relationships among the IoT devices and/or the users associated therewith (e.g. where one user considers another user a close friend and the other user considers the first user an acquaintance).

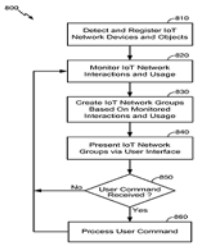


FIG. 8

No. of Pages : 93 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

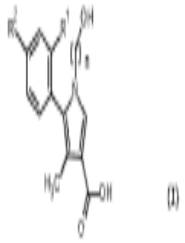
(21) Application No.2372/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIPYRROMETHENE CRYSTAL AND METHOD FOR MANUFACTURING SAME

(51) International classification :C07D207/34,A61K31/40,A61P43/00
(31) Priority Document No :2013081879
(32) Priority Date :10/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/060055
Filing Date :07/04/2014
(87) International Publication No :WO/2014/168103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIICHI SANKYO COMPANYLIMITED
Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan
(72)**Name of Inventor :**
1)WATANABE Masashi
2)OKACHI Takahiro
3)KAWAHARA Michiaki
4)NAGASAWA Hiroshi
5)SATO Noritada
6)TAKITA Takashi
7)HASEGAWA Gen

(57) Abstract :
12Provided are an intermediate in the manufacture of an atropisomer of a dipyrromethene that has excellent mineralocorticoid receptor antagonism a method for manufacturing the same and crystals thereof. A method for manufacturing an atropisomer of a dipyrromethene that includes the step of dividing the atropisomer of general formula (I) [In the formula R is a methyl group or a trifluoromethyl group R is a hydrogen atom or a C1 C3 alkoxy group and n is an integer selected from 1 to 3.] characterized by using an optically active amine that has a cinchonan skeleton and crystals of (S) 1 (2 hydroxyethyl) 4 methyl N [4 (methylsulfonyl)phenyl] 5 [2 (trifluoromethyl)phenyl] 1H pyrrole 3 carboxamide.



No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

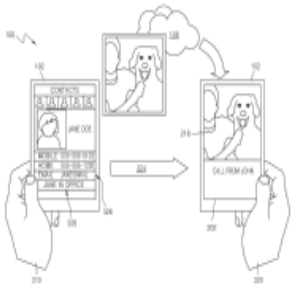
(21) Application No.2373/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMUNICATION SYSTEM WITH IDENTIFICATION MANAGEMENT AND METHOD OF OPERATION THEREOF

(51) International classification :H04W4/16
(31) Priority Document No :13/832976
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/002030
Filing Date :12/03/2014
(87) International Publication No :WO/ 2014/142534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)LEE Seungeun
2)GREGG Justin

(57) Abstract :
A method of operation of a communication system includes: an identifier classification module configured to determine a media classification associated with a sender identifier; a contact assignment module coupled to the identifier classification module configured to associate the sender identifier with a contact entry based on context information; and an identifier transmission module coupled to the contact assignment module configured to transmit the sender identifier based on the media classification corresponding to a transmission condition for displaying on a device.



No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2291/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING MATERIALS

(51) International classification :C12P7/08
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021609
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit L Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)PARADIS Robert

(57) Abstract :
Biomass feedstocks (e.g. plant biomass animal biomass and municipal waste biomass) are processed to produce useful products such as fuels. For example novel systems methods and equipment for conveying and/or cooling treated biomass are described. Many potential lignocellulosic feedstocks are available today including agricultural residues woody biomass municipal waste oilseeds/cakes and seaweed to name a few. At present these materials are often under utilized being used for example as animal feed biocompost materials burned in a co generation facility or even landfilled.

No. of Pages : 71 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

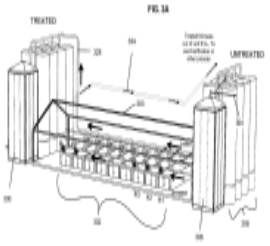
(21) Application No.2292/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARRAY FOR PROCESSING MATERIALS

(51) International classification :D06M10/00,G21K5/00,G21K5/04
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021616
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit L Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)PARADIS Robert

(57) Abstract :
Materials (e.g. plant biomass animal biomass and municipal waste biomass) are processed to produce useful intermediates and products such as energy fuels foods or materials. For example systems equipment and methods are described that can be used to treat feedstock materials such as cellulosic and/or lignocellulosic materials using an array of vaults.



No. of Pages : 69 No. of Claims : 25

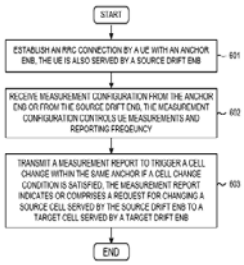
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2293/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOW OVERHEAD MOBILITY IN LOCAL AREA WIRELESS NETWORK

(51) International classification	:H04W36/08, H04J 11/00
(31) Priority Document No	:61/759503
(32) Priority Date	:01/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CN2014/071758 :29/01/2014
(87) International Publication No	:WO 2014/117742
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MEDIATEK INC.
Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 China
(72)**Name of Inventor :**
1)HSU Chia Chun

(57) Abstract :
In a heterogeneous network enhanced handover and reestablishment procedures are proposed within a local area network. The enhanced procedures are more efficient e.g. with less signaling and less data interruption than the legacy mobility mechanism. In a local area network a UE is served by an anchor eNB in macro cell layer and one or more drift eNBs in small cell layer. When the UE moves within the local area network the UE anchor does not need to change. For cell change within the same anchor the enhanced procedures reduces signaling overhead and data interruption time.



No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2294/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRAFFIC SHAPING MECHANISM FOR UE POWER SAVING IN IDLE MODE

(51) International classification :H04W76/04
(31) Priority Document No :61/842466
(32) Priority Date :03/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/081590
Filing Date :03/07/2014
(87) International Publication No :WO 2015/000426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDIATEK INC.
Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 China
(72)**Name of Inventor :**
1)HSU Chia Chun
2)CHOU Chie Ming

(57) Abstract :
A method of uplink shaping and extending UE in RRC Idle Mode is proposed. The UE processes a data packet to be sent to the network. The data packet is associated with a traffic type. If the data packet belongs to a normal traffic type then the UE enters RRC Connected mode and thereby transmitting the data packet to the network. If the data packet belongs to a background traffic type then the UE buffers the data packet and the UE is prohibited from entering RRC Connected mode until a triggering condition is satisfied for uplink transmission. The proposed mechanism achieves power saving by reducing the activity of uplink transmission. In addition the proposed mechanism also reduces signaling overhead to enhance network efficiency.

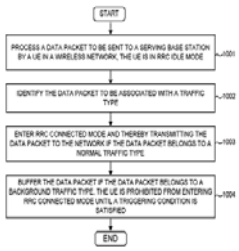


FIG. 10

No. of Pages : 25 No. of Claims : 20

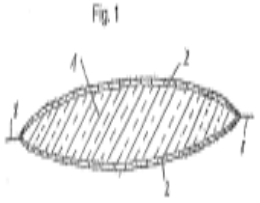
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2015
(21) Application No.2388/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COATED INTRAOCULAR LENS AND ITS MANUFACTURE

(51) International classification :A61L27/18,A61L27/34
(31) Priority Document No :13000513.5
(32) Priority Date :01/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/000278
Filing Date :03/02/2014
(87) International Publication No :WO 2014/064299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LENSWISTA AG
Address of Applicant :Magnusstrasse 11 12489 Berlin Germany
(72)**Name of Inventor :**
1)KORDICK Thomas
2)G–RNE Martin
3)SCHR–TER Guido

(57) Abstract :
An intraocular lens has a hydrophobic lens body (1) made of silicone at the surface of which a hydrophilic layer (2) made of polyacrylate is provided wherein the layer (2) is a PECVD/CVD layer having a water contact angle of less than 10°. A process for hydrophilizing the surfaces of the intraocular lens includes steps for PECVD pre coating the pre treated lens surfaces and for c) CVD follow up coating the so pre coated lens surfaces.



No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

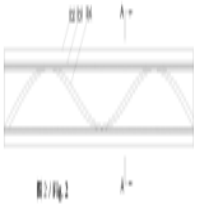
(21) Application No.2209/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLAR ENERGY AUTOMATIC SOAKING AND HEAT COLLECTING TUBE TROUGH TYPE ASSEMBLY AND HEAT POWER GENERATING SYSTEM AND TECHNIQUE

(51) International classification :F24J2/00,F22B33/00
(31) Priority Document No :201310045666.4
(32) Priority Date :05/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/071568
Filing Date :27/01/2014
(87) International Publication No :WO 2014/121711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO. LTD.
Address of Applicant :T1 Jiangxia Avenue Eastlake New tech Development Zone Wuhan Hubei 430223 China
(72)**Name of Inventor :**
1)CHEN Yilong
2)YANG Qingping
3)ZHANG Yanfeng

(57) Abstract :
Disclosed is a solar energy automatic soaking and heat collecting tube comprising a glass tube (1b2) and an absorption tube (1b3) coated with a heat absorbing layer sheathed therein a vacuum existing between the glass tube (1b2) and the absorption tube (1b3). A baffle plate (1b4) capable of making fluid in the absorption tube (1b3) alternately reverse and flow up and down is provided in an inner chamber of the absorption tube (1b3) the partition plate (1b4) being helical in shape and being fixed in the absorption tube (1b3). Also disclosed is a heat power generating system and technique using complementary light and heat power generation preventing a solar energy complementary light and heat power station from being affected by the weather and maintaining stable power generation when it is night or there is not sufficient sunlight.



No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2300/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUS FOR ALLOCATION OF RESOURCES FOR THE TRANSMISSION OF PILOT SIGNALS BY SMALL BASE STATIONS OR UE DEVICES

(51) International classification :H04W72/04,H04W52/02,H04W84/04, H04L 5/00
(31) Priority Document No :13/828420
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021053
Filing Date :06/03/2014
(87) International Publication No :WO 2014/158948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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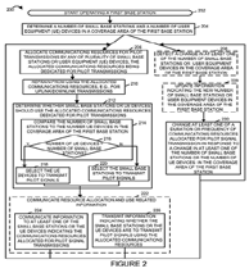
(72)**Name of Inventor :**
1)LI Junyi
2)KHUDE Nilesh Nilkanth
3)PARK Vincent Douglas
4)TAVILDAR Saurabha Rangrao

(57) Abstract :
Methods and apparatus for allocation of resources for handover related measurements in a communications system including user equipment (UE) devices a macro base station and small base stations (e.g. femtocells) are described. Some embodiments are well suited for systems where the number of femtocells may equal or outnumber the number of UE devices. In some embodiments a macro base station allocates periodic communications resources for transmission of pilots by UEs or femtocells. The macro base station configures either femtocells or active UEs to transmit pilots using the allocated communications resources based on the relative number of femtocells to active UEs in the coverage area of the macro base station devices which are lower in number transmitting the pilots. Transmitters (UE devices or femtocells) transmit pilots along with identification information using the allocated resource(s) and receivers measure the pilot signals. The pilot signal measurements may be used to make handover decisions.



No. of Pages : 82 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015
(21) Application No.2394/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETECTING REPORTING AND RECOVERING FROM POTENTIAL CONNECTIVITY SERVICE DISRUPTIONS

(51) International classification :H04L12/24,H04L12/26,H04L29/08
(31) Priority Document No :61/807933
(32) Priority Date :03/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/032554
Filing Date :01/04/2014
(87) International Publication No :WO 2014/165527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SURYAVANSHI Vijay Anandrao
2)LINDNER Mark Aaron
3)ABPLANALP Daniel
4)SIVAPURAM Saritha

(57) Abstract :
A user equipment (UE) detects a change in one or more criteria determines whether a severity of the potential loss of network service is above a severity threshold transmits a ping to a server to which the UE was connected before detecting the potential loss of network service based on the severity of the potential loss of network service being above the severity threshold and blocks transmission of a ping to the server based on the severity of the potential loss of network service not being above the severity threshold. A server attempts unsuccessfully to connect received call requests to the UE transmits one or more pings to the UE and changes a presence status of the UE to indicate that the UE is likely not reachable based on not receiving a response to the one or more pings from the UE before transmitting a threshold number of pings.

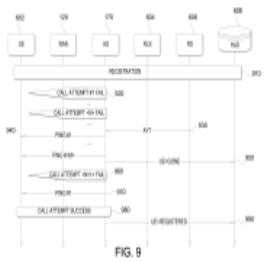
FIG. 9

No. of Pages : 55 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2295/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS INCORPORATING AN ELEVATED APERTURE LAYER AND METHODS OF MANUFACTURING THE SAME

(51) International classification :G02B26/02
(31) Priority Document No :13/842882
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019910
Filing Date :03/03/2014
(87) International Publication No :WO 2014/149621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PIXTRONIX INC.
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(72)**Name of Inventor :**
1)BROSNIHAN Timothy J.
2)VILLARREAL Javier
3)GINGRAS Michael Andrew

(57) Abstract :
This disclosure provides systems methods and apparatus for displaying images. Some such apparatus include an array of display elements coupled to a substrate and an elevated aperture layer (EAL) suspended over the array of display elements. The EAL is coupled to the substrate and includes for each of the display elements at least one aperture for allowing passage of light therethrough. Methods for manufacturing such apparatus include at least one of forming etch holes through the EAL employing an at least partially sublimatable sacrificial mold employing a two phase release process and releasing the apparatus such that a portion of a sacrificial mold remains surrounding portions of the apparatus.

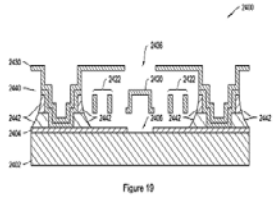

Figure 19

No. of Pages : 115 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2296/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED ELEVATED APERTURE LAYER AND DISPLAY APPARATUS

(51) International classification :G02B26/02,B81B3/00
(31) Priority Document No :13/842436
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019900
Filing Date :03/03/2014
(87) International Publication No :WO 2014/149619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BROSNIHAN Timothy J.
2)FIKE Eugene
3)SHI Jianru
4)NI CHLEIRIGH Cait
5)ENGLISH Stephen
6)HAGOOD Nesbitt
7)LEWIS Stephen R.
8)VILLARREAL Javier

(57) Abstract :
This disclosure provides systems methods and apparatus for displaying images. One such apparatus includes a substrate an elevated aperture layer (EAL) defining a plurality of apertures formed therethrough a plurality of anchors for supporting the EAL over the substrate and a plurality of display elements positioned between the substrate and the EAL. Each of the display elements may correspond to at least one respective aperture of the plurality of apertures defined by the EAL. Each display element also includes a movable portion supported over the substrate by a corresponding anchor supporting the EAL over the substrate. In some implementations one or more light dispersion elements may be disposed in optical paths passing through the apertures defined by the EAL.

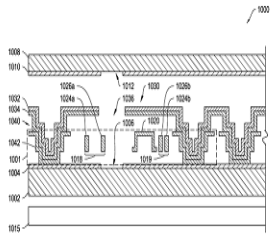

Figure 5A

No. of Pages : 118 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2297/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPERATING SYSTEM RESIDENT DISPLAY MODULE PARAMETER SELECTION SYSTEM

(51) International classification :G09G3/20
(31) Priority Document No :13/800833
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022034
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FINKEL Brian Scott

(57) Abstract :
A display module parameter selection system is presented. A processor can be coupled to a display. The processor can be configured to execute software applications each having corresponding graphical output specifications. The processor can execute a display control module resident in an operating system. The display control module can maintain an application data structure to store the corresponding graphical output specifications of each of the plurality of software applications. The display control module can maintain a display capability data structure to store a plurality of settings for each of the variable display parameters. In response to one of the plurality of software applications being launched the display control module can process data stored in the application data structure and the display capability data structure to generate a set of display parameter settings to output to the display module for use in outputting graphical output from the launched application.

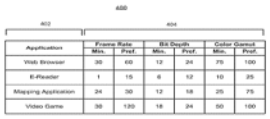

Figure 4

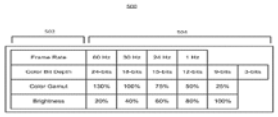

Figure 5

No. of Pages : 72 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015
(21) Application No.2391/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ASSISTED INTERFERENCE CANCELLATION/SUPPRESSION FOR MULTIPLE SERVICES

(51) International classification :H04W72/08
(31) Priority Document No :61/808316
(32) Priority Date :04/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/033000
Filing Date :04/04/2014
(87) International Publication No :WO 2014/165772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)XU Hao
2)LUO Tao
3)CHEN Wanshi
4)GAAL Peter
5)YOO Taesang
6)WEI Yongbin
7)MALLADI Durga Prasad
8)JI Tingfang

(57) Abstract :
Certain aspects of the present disclosure relate to methods and apparatus for network assisted interference cancellation (IC) and interference suppression (IS) for multiple services. According to aspects a user equipment (UE) may determine information regarding system parameters for one or more types of communications services used to transmit potentially interfering signals in one or more neighbor cells wherein a type of the information determined depends on the type of communications service. The UE may perform interference management using the determined information to cancel or suppress interference caused by the potentially interfering signals.

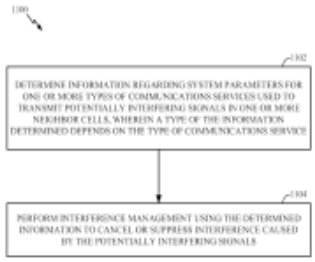

FIG. 11

No. of Pages : 50 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2015

(21) Application No.2384/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLOCK RECOVERY CIRCUIT FOR MULTIPLE WIRE DATA SIGNALS

(51) International classification :H04L7/033,H03K5/1252,H03K5/1534
(31) Priority Document No :61/774247
(32) Priority Date :07/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021958
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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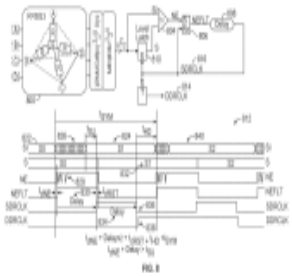
(72)**Name of Inventor :**
1)SENGOKU Shoichiro
2)LEE Chulkyu
3)WILEY George Alan
4)CHEUNG Joseph

(57) Abstract :
A clock recovery circuit is provided comprising a receiver circuit and a clock extraction circuit. The receiver circuit may be adapted to decode a differentially encoded signal on a plurality of data lines where at least one data symbol is differentially encoded in state transitions of the differentially encoded signal. The clock extraction circuit may be adapted to obtain a clock signal from state transition signals derived from the state transitions while compensating for skew in the different data lines and masking data state transition glitches.



No. of Pages : 52 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2015

(21) Application No.2385/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MAGNETIC FLOWMETER WITH BONDED PTFE ELECTRODES

(51) International classification :G01F1/58,G01F15/00,G01R33/00
(31) Priority Document No :13/826793
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025361
Filing Date :13/03/2014
(87) International Publication No :WO 2014/159867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :8200 Market Boulevard Chanhassen Minnesota 55317 U.S.A.
(72)**Name of Inventor :**
1)SMITH Joseph Alan
2)YINGST Stephen Richard
3)MORALES Nelson Mauricio

(57) Abstract :
A magnetic flowmeter 10 includes a pipe 12 with a non conductive PTFE liner 14 magnetic coils 18A 18B to generate a magnetic field and electrodes 16A 16B in contact with the fluid on opposite sides of the pipe 12. The electrodes 16A 16B comprise conductive PTFE patch electrodes 30A 30B bonded to the non conductive PTFE liner so that an inner end of each patch electrode is exposed to fluid flowing through the interior pipe 12 and an outer end 38 of each patch electrode 30A 30B is aligned with an electrode hole 32 in the pipe 12.

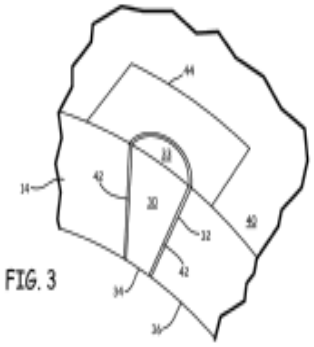

FIG. 3

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2015

(21) Application No.2386/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMUNICATION METHOD DEVICE AND SYSTEM

(51) International classification :H04L12/749
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/072485
Filing Date :12/03/2013
(87) International Publication No :WO 2014/139094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHEN Rui
2)MENG Wanhong
3)LUO Youquan

(57) Abstract :
Provided are a communication method device and system. The communication method comprises: receiving a message packaging all or some of the message into an Ethernet operation management and maintenance message and according to the correlation between a port for receiving the message and a corresponding end point of a maintenance entity group sending the packaged message to a device in which the maintenance entity group is located. According to the communication method device and system provided in the embodiments of the present invention by using the port mapping and message packaging method IP address based communication and management can be performed on the device without an IP address.

No. of Pages : 49 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2015

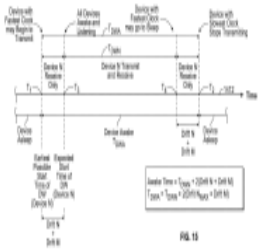
(21) Application No.2387/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR SYNCHRONIZATION WITHIN A NEIGHBORHOOD AWARE NETWORK

(51) International classification :H04W8/00,H04W48/16,H04W52/02
(31) Priority Document No :61/805858
(32) Priority Date :27/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/030438
Filing Date :17/03/2014
(87) International Publication No :WO 2014/160544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ABRAHAM Santosh Paul
2)CHERIAN George
3)RAISSINIA Alireza
4)FREDERIKS Guido Robert

(57) Abstract :
Methods devices and computer program products for synchronization of wireless devices in a peer to peer network are described herein. In one aspect a method for determining at least one of a time for exiting and a time for entering a low power sleep mode to utilize a discovery window is provided. The method includes determining an earliest possible start time of a discovery window according to a clock at the first device. The method further includes transitioning from the low power sleep mode to a higher power active mode approximately at the determined earliest possible start time wherein the determined earliest possible start time is based at least in part on a clock drift value associated with the first device and a clock drift value associated with a second device of the wireless network.



No. of Pages : 71 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.2107/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEMS SHUTTER ASSEMBLIES FOR HIGH RESOLUTION DISPLAYS

(51) International classification :G02B26/02,G02B27/00
(31) Priority Document No :13/800459
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020796
Filing Date :05/03/2014
(87) International Publication No :WO 2014/164140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BROSNIHAN Timothy J.
2)VILLARREAL Javier
3)ANDERSSON Mark B.

(57) Abstract :
This disclosure provides systems methods and apparatus for providing compact shutter assemblies. Shutter assemblies can be formed in a more compact fashion allowing for higher pixel per inch displays by incorporating shutters that during actuation pass over or under portions of the actuators that control those shutters.

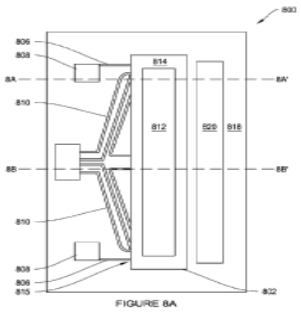

FIGURE 8A

No. of Pages : 132 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2298/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY APPARATUS INCORPORATING AN INTERCONNECT SUPPORTING ELEVATED APERTURE LAYER

(51) International classification :G02B26/00,G02B26/02
(31) Priority Document No :13/843135
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019903
Filing Date :03/03/2014
(87) International Publication No :WO 2014/149620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ENGLISH Stephen
3)VILLARREAL Javier
4)PAYNE Richard S.
5)KLINE Mark
6)LEWIS Stephen R.
7)HAGOOD Nesbitt
8)FIKE Eugene

(57) Abstract :
This disclosure provides systems methods and apparatus for displaying images. Some such apparatus include a transparent substrate a display element formed on the substrate a light blocking elevated aperture layer (EAL) supported over the substrate by an anchor formed on the substrate and an electrical interconnect disposed on the EAL for carrying an electrical signal to the display element. The electrical interconnect can include one or more of a data voltage interconnect a scan line interconnect or a global interconnect. In some implementations a dielectric layer can separate the electrical interconnect from the EAL. The EAL can include an aperture formed through it that corresponds to the display element. In some implementations a second electrical interconnect disposed on the substrate can be electrically coupled to a plurality of display elements.

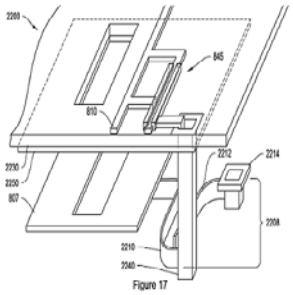

Figure 17

No. of Pages : 116 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015

(21) Application No.2299/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNCHRONIZATION METHOD AND BASE STATION

(51) International classification :H04W56/00,H04W88/08, H04L 7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/071074
Filing Date :29/01/2013
(87) International Publication No :WO 2014/117322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LI Yang
2)LI Qiang
3)XIA Liang

(57) Abstract :
Provided are a synchronization method and base station the method comprising: a base station determines the synchronization state thereof the synchronization state comprising a synchronized base station or a synchronization source base station; the base station configures the synchronization reference signal of the base station according to the synchronization state thereof such that a first point in time is different from a second point in time the first point in time being the time of the synchronization reference signal of the base station and the second point in time being the time of the synchronization reference signal for inter station synchronization of the synchronization source base station of the base station. An embodiment of the present invention improves the synchronization performance.

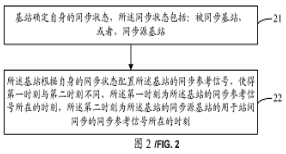


图 2 /FIG. 2

21 A base station determines the synchronization state thereof, the synchronization state comprising a synchronized base station, or a synchronization source base station
22 The base station configures the synchronization reference signal of the base station according to the synchronization state thereof, such that a first point in time is different from a second point in time, the first point in time being the time of the synchronization reference signal of the base station , and the second point in time being the time of the synchronization reference signal for inter-station synchronization of the synchronization source base station of the base station

No. of Pages : 62 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2400/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONICALLY CONTROLLED INLET METERED SINGLE PISTON FUEL PUMP

(51) International classification :F02M59/20
(31) Priority Document No :61/772625
(32) Priority Date :05/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019902
Filing Date :03/03/2014
(87) International Publication No :WO 2014/137900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STANADYNE LLC
Address of Applicant :92 Deerfield Road Windsor CT 06095 U.S.A.
(72)**Name of Inventor :**
1)LUCAS Robert G.

(57) Abstract :
In a fuel pump and method of operation an infeed for low pressure fuel leads to a pumping chamber where in an intake phase low pressure fuel is drawn into the pumping chamber and in a pumping phase high pressure fuel is delivered to a common rail. An inlet metering valve and an inlet check valve are upstream of the pumping chamber and a control system closes the metering valve when no fuel is to be pumped to the common rail. The inlet check valve is also opened while the inlet metering valve is closed and no fuel is to be pumped to the rail. The inlet metering valve can include a proportionally controlled piston that produces a variable quantity of feed fuel and is closable for the no demand condition with a maximum travel that contacts and holds open the inlet check valve.

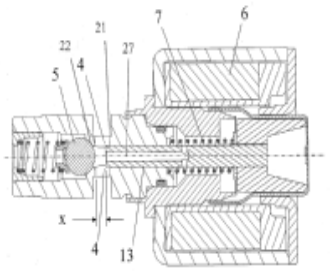


Figure 4

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.2208/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS OF DISPARITY VECTOR DERIVATION FOR THREE DIMENSIONAL AND MULTI VIEW VIDEO CODING

(51) International classification :H04N19/50
(31) Priority Document No :61/810379
(32) Priority Date :10/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/074601
Filing Date :02/04/2014
(87) International Publication No :WO 2014/166349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDIATEK INC.
Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 China
(72)**Name of Inventor :**
1)LIN Jian Liang
2)CHEN Yi Wen

(57) Abstract :
A method and apparatus for determining a derived disparity vector (DV) directly from associated depth block for motion vector prediction in three dimensional video encoding or decoding are disclosed. Input data associated with current motion information of a current texture block of a current texture picture in a current dependent view and a depth block associated with the current texture block are received. The derived DV fer the current texture block based on the depth block is then determined and used for inter view or temporal motion vector prediction (MVP). If the current motion information corresponds to inter view prediction the current DV is encoded or decoded using the derived DV as a MVP. If the current motion information corresponds to temporal prediction the current MV is encoded or decoded using a derived MV of a corresponding texture block in a reference view as the MVP.

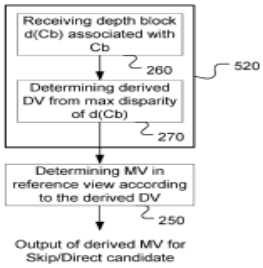


FIG.6

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

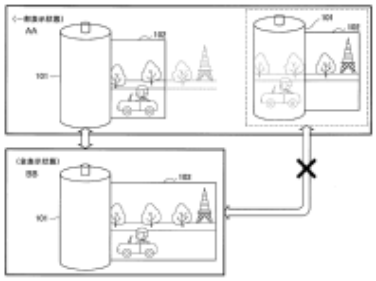
(21) Application No.2309/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE INFORMATION PROCESSING METHOD AND IMAGING DEVICE

(51) International classification :H04N5/225,G09G5/00,G09G5/36
(31) Priority Document No :2013088457
(32) Priority Date :19/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/054077
Filing Date :20/02/2014
(87) International Publication No :WO 2014/171179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)NAGANO Daisuke
2)SATO Daisuke

(57) Abstract :
[Problem] To display a taken image on a display unit in a manner consistent with a user s intent. [Solution] This information processing device is provided with a reception unit and a control unit. The reception unit receives user input information. On the basis of the pull out state with respect to a main body of an imaging device of a flexible display unit that is provided so as to be able to be pulled out from said main unit said pull out state having been received by the reception unit the control unit determines the extent of a full image extent acquired by an imaging unit that corresponds to the display capable region of the pulled out display unit.



No. of Pages : 63 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

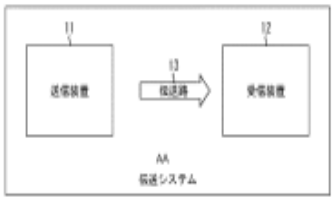
(21) Application No.2310/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA PROCESSING DEVICE AND DATA PROCESSING METHOD

(51) International classification :H04N21/238,H04N21/438
(31) Priority Document No :2014005655
(32) Priority Date :16/01/2014
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2015/050091
Filing Date :06/01/2015
(87) International Publication No :WO 2015/107925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)YOSHIMOCHI Naoki
2)OKADA Satoshi
3)YAMAMOTO Makiko

(57) Abstract :
The present technique relates to a data processing device and a data processing method whereby it is possible to perform channel bonding (CB) without substantially increased cost. A transmission device divides a baseband (BB) stream which is a stream of BB frames into a plurality of stream segments by grouping the BB frames into a plurality of data slices. The division of the BB stream is in such a manner as to limit the ratios between the data rates of the resulting plurality of stream segments. A reception device reconstructs the original BB stream from the plurality of stream segments obtained from data received from the transmission device. This technique can be applied to CB such as physical layer pipe (PLP) bundling.



11 Transmission device
12 Reception device
13 Transmission path
AA Transmission system

No. of Pages : 73 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2407/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RESOURCE OPTIMIZATION IN A FIELD DEVICE

(51) International classification :G05B19/418
(31) Priority Document No :13/837251
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017388
Filing Date :20/02/2014
(87) International Publication No :WO 2014/149337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT INC.
Address of Applicant :8200 Market Blvd. Chanhassen Minnesota 55317 U.S.A.
(72)**Name of Inventor :**
1)LOVEGREN Eric Russell
2)WEINBERGER Robert Michael

(57) Abstract :
A field device assembly comprises a first process sensor a wireless transceiver and a processor. The first process sensor is disposed to sense a first process parameter. The wireless transceiver is configured to communicate wirelessly with a network manager. The processor is configured to process the sensed first process parameter and to command the wireless transceiver and first process sensor to perform a first resource intensive activity according to a first commissioned adaptive schedule whereby rates of the resource intensive activity vary over time and/or based on sensed events.

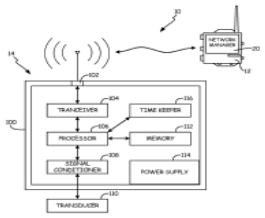


Fig. 2

No. of Pages : 15 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2402/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LINEAR GENERATOR AND LINEAR DRIVE

(51) International classification :F03B13/18,F16H19/02
(31) Priority Document No :10 2013 201 716.2
(32) Priority Date :01/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/051824
Filing Date :30/01/2014
(87) International Publication No :WO 2014/118290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SINN POWER GMBH
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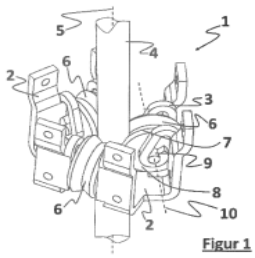
(72)**Name of Inventor :**
1)SINN Philipp

(57) Abstract :
Device (1) for reversibly converting linear movements into rotational movements and for converting rotational movements into electrical energy and vice versa. The device has a central rail (4) and a support element (2) which surrounds the central rail the support element being arranged so as to be movable relative to the central rail in the longitudinal direction of the central rail in linear movements. A plurality of rolling bodies (6) which are in contact with the central rail are rotatably mounted in the support element. The rolling bodies carry out rotational movements during the linear movements of the support element relative to the central rail in cooperation with the central rail. The elastically preloaded rolling bodies are arranged so that the central rail is mounted with substantially zero clearance under pressure and the preloading forces cancel each other out and are produced by elastically deformed securing clips (3) on the support element. The rotational movements of at least one rolling body constitute the input or output of the electric machine.



Figur 1

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2403/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADRENOMEDULLIN TO GUIDE THERAPY OF BLOOD PRESSURE DECLINE

(51) International classification :G01N33/68,G01N33/74
(31) Priority Document No :13160265.8
(32) Priority Date :20/03/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/055554
Filing Date :19/03/2014
(87) International Publication No :WO 2014/147153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPHINGOTEC GMBH
Address of Applicant :Neuendorfstr. 15a 16761 Hennigsdorf Germany
(72)**Name of Inventor :**
1)BERGMANN Andreas

(57) Abstract :
Subject matter of the present invention is an in vitro method for identifying a subject in need of administration of fluid resuscitation or a vasopressor comprising the following steps: Determining the level of proADM and/or fragments thereof having at least 6 amino acids in a bodily fluid of said subject Correlating said level with the need of said patient for fluid resuscitation or administration of a vasopressor wherein said patient is identified as having such a need if the level of proADM and/or fragments thereof having at least 6 amino acids in the bodily fluid of said subject is above a threshold.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2404/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ASSESSING OPTICAL DENSITY GRADIENTS AND VARIATIONS

(51) International classification :A61B6/00
(31) Priority Document No :2013900776
(32) Priority Date :06/03/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/IB2014/059413
Filing Date :04/03/2014
(87) International Publication No :WO 2014/136040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :35 Morphetti Crescent Bateman Western Australia 6150 Australia
(72)**Name of Inventor :**
1)PERUMPANANI Abbey John
2)ARAKKAL Joan

(57) Abstract :
The invention relates to a method of assessing an optical density gradient in one or more radiologic images of a non uniformly composed material for purpose of using the optical density gradient to assess a characteristic of the non uniformly composed material. Optical density gradient is calculated as a function of the difference in optical density between a first and second region on the one or more images. The method finds particular application in predicting occurrence or likelihood of non union of a bone fracture and for predicting occurrence of likelihood of a disorder or disease of the bone such as osteoporosis.

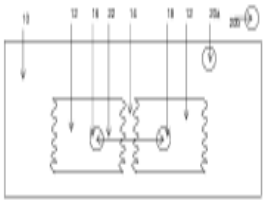

Figure 1

No. of Pages : 40 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2405/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CRASH PROTECTION SYSTEM

(51) International classification :B62J27/00,A41D13/018,B60R21/16
(31) Priority Document No :61/767412
(32) Priority Date :21/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/013530
Filing Date :29/01/2014
(87) International Publication No :WO 2014/130219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FENYVES Andras
Address of Applicant :381 5th Street Brooklyn New York 11215 U.S.A.
(72)**Name of Inventor :**
1)FENYVES Andras

(57) Abstract :
A crash protection system includes a base connectable to a support on an open vehicle or an animal. The base includes a front airbag module arranged proximate a front end of the base and a rear airbag module arranged proximate a rear end of the base. The front airbag module has a front airbag and the rear airbag module has a rear airbag. The system further includes a belt system having a first belt connectable around a waist of a rider and at least one strap connecting the first belt to the base. A control system includes sensors that are monitored to determine whether a crash situation is present and the control system actuates the front airbag module and the rear airbag module and releases the base from the support when the crash situation is present.

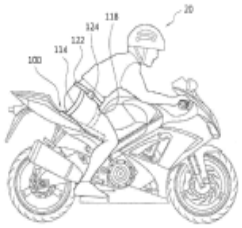

FIG. 1

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015

(21) Application No.2312/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING BIOMASS

(51) International classification :C12P19/02,C12P7/14,C12N1/22
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021813
Filing Date :07/03/2014
(87) International Publication No:WO 2014/138598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit E Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) is processed to produce useful intermediates and products such as energy fuels foods or materials. Two or more sugars can be produced and these can be further processed and purified. For example a mixture of the two or more sugars can be selectively fermented to leave one or more sugars in the mixture along with a product. The unfermented sugar may be fermented with a different fermenting system and produce a second product.

No. of Pages : 75 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2015
(21) Application No.2313/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RECONFIGURABLE PROCESSING ENCLOSURES

(51) International classification :G21K5/04
(31) Priority Document No :61/774773
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021629
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
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(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)PARADIS Robert

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) or other materials are processed to produce useful intermediates and products such as energy fuels foods or materials. For example systems and methods are described that can be used to treat feedstock materials such as cellulosic and/or lignocellulosic materials in a vault in which the walls and optionally the ceiling include discrete units. Such vaults are re configurable.

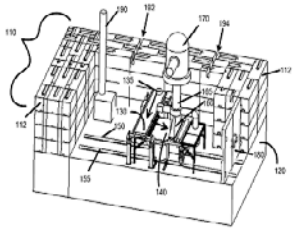

FIG. 1

No. of Pages : 69 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2410/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH QUALITY FACTOR INDUCTOR IMPLEMENTED IN WAFER LEVEL PACKAGING (WLP)

(51) International classification	:H01L23/64,H01L23/522,H01L25/07
(31) Priority Document No	:61/771717
(32) Priority Date	:01/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/017580 :21/02/2014
(87) International Publication No	:WO 2014/133883
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SONG Young Kyu
2)PARK Yunseo
3)ZHANG Xiaonan
4)LANE Ryan David
5)NEJATI Babak
6)HADJICHRISTOS Aristotele
7)CHEN Xiaoming

(57) Abstract :
Some novel features pertain to a first example provides a semiconductor device that includes a printed circuit board (PCB) asset of solder balls and a die. The PCB includes a first metal layer. The set of solder balls is coupled to the PCB. The die is coupled to the PCB through the set of solder balls. The die includes a second metal layer and a third metal layer. The first metal layer of the PCB the set of solder balls the second and third metal layers of the die are configured to operate as an inductor in the semiconductor device. In some implementations the die further includes a passivation layer. The passivation layer is positioned between the second metal layer and the third metal layer. In some implementations the second metal layer is positioned between the passivation layer and the set of solder balls.

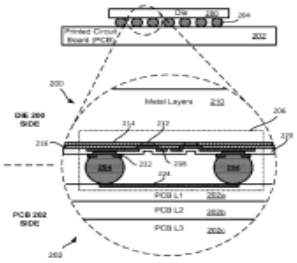

FIG. 2

No. of Pages : 47 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2411/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FORTIFIED SAVOURY FOOD CONCENTRATE

(51) International classification :A23L1/40,A23L1/304,A23L1/228
(31) Priority Document No :13157731.4
(32) Priority Date :05/03/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/053526
Filing Date :24/02/2014
(87) International Publication No :WO 2014/135387
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)JANSEN Franciscus Johannes Henricus Maria
2)VELIKOV Krassimir Petkov
3)DUCHATEAU Gustaaf Servaas Marie Joseph Emile
4)VAN DER BURG KOOREVAAR Monique Cecilia Dsir

(57) Abstract :
The present invention relates to a savoury food concentrate comprising sodium chloride glutamate and an iron salt and to a process to produce the same. It is an aim of the present invention to provide a glutamate containing savoury food concentrate which comprises an iron salt wherein the amount of off color which appears upon storage of the food concentrate is reduced preferably wherein off coloring is absent. It is a further object of the present invention to improve the bioavailability of iron in food concentrates. It was found that a composition comprising an iron salt and a further non iron phosphate salt provides reduced discolouration in food concentrate compositions comprising glutamate and also provides improved bioavailability of the iron.

No. of Pages : 38 No. of Claims : 17

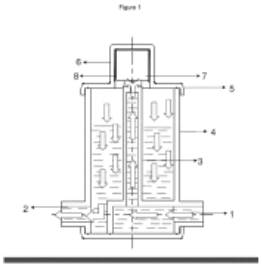
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015
(21) Application No.2412/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A CARTRIDGE FOR USE IN WATER PURIFICATION DEVICES

(51) International classification :C02F1/68,B01F1/00
(31) Priority Document No :13157818.9
(32) Priority Date :05/03/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/052420
Filing Date :07/02/2014
(87) International Publication No :WO 2014/135332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)MISTRY Mahendrakumar Maganlal
2)SRIVASTAVA Madalasa

(57) Abstract :
The present invention relates to a cartridge for use in water purification devices to release consistent amounts of benefit agent to water from a solid source of the benefit agent housed in the cartridge. The object of the present invention is to provide a cartridge having a solid source of a benefit agent for use in water purification devices to release consistent amounts of a benefit agent to water. It is another object of the present invention to provide a cartridge having a solid source of a benefit agent for use in water purification devices when the inlet water pressure is between 0.1psig to 20psig to release consistent amounts of benefit agent to water. The present inventors have been able to achieve a cartridge for use in water purification devices where the inlet water pressure is very low and for devices that function at pressures upto 20 psig to release consistent amounts of a benefit agent to water from a solid source of the benefit agent by ensuring that the benefit agent tablet is not submerged in water.



No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2015

(21) Application No.2124/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOTION BLUR AWARE VISUAL POSE TRACKING

(51) International classification :G06T7/00
(31) Priority Document No :13/801601
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/025147
Filing Date :13/03/2014
(87) International Publication No :WO 2014/159789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)WAGNER Daniel
2)PARK Youngmin
3)PAN Qi

(57) Abstract :
Various methods apparatuses and/or articles of manufacture are provided which may be implemented for use by an electronic device to track objects across two or more digital images. For example an electronic device may generate a plurality of warped patches corresponding to a reference patch of a reference image and combine two or more warped patches to form a blurred warped patch corresponding to the reference patch with a motion blur effect applied to a digital representation corresponding to a keypoint of an object to be tracked.

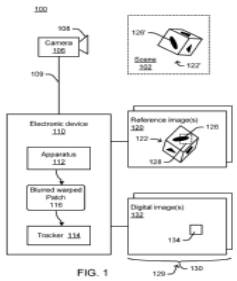


FIG. 1

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2320/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INDUCTION FURNACE AND METHOD FOR TREATING METAL WASTE TO BE STORED

(51) International classification	:F27B14/06,F27B14/10,F27B14/14
(31) Priority Document No	:1351358
(32) Priority Date	:18/02/2013
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2014/053027 :17/02/2014
(87) International Publication No	:WO 2014/125107
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :25 rue Leblanc Btiment Le Ponant D F 75015 Paris France
2)AREVA NC
(72)**Name of Inventor :**
1)BOEN Roger
2)BONNETIER Armand

(57) Abstract :
The invention relates to an induction melting furnace comprising shell (7) and a lower sole (11) forming the main part of the structure. In addition the furnace comprises a removable inner crucible (1) formed by an inner layer (4) that is resistant to heat and to the aggressive nature of the molten bath (20) an outer layer (6) defining the crucible and an intermediate insulating layer (5). The crucible (1) is a single use crucible and can be stored together with its charge in a suitable container. Heat losses are low even if the shell (7) is cooled. In addition stresses due to differential thermal expansions are also very low.

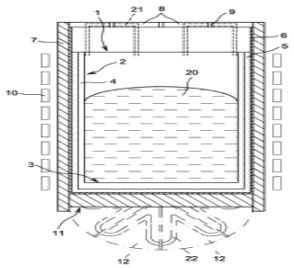

FIG. 1

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2321/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GEM DIFLUORINATED C GLYCOSIDE COMPOUNDS AS ANTI CANCER AGENTS

(51) International classification :C07D493/04,A61K31/365,A61P35/00
(31) Priority Document No :61/752075
(32) Priority Date :14/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2014/000029
Filing Date :13/01/2014
(87) International Publication No :WO 2014/107803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADVANOMICS CORPORATION
Address of Applicant :469 Jean Talon West 3rd Floor Montreal Qubec H3N 1R4 Canada
(72)**Name of Inventor :**
1)SLILATY Steve N.

(57) Abstract :
The present document describes a synthesis of a class of gem difluorinated C glycoside compounds derived from podophyllotoxin which may be used but not exclusively in oncology for the treatment of cancer. More particularly the podophyllotoxin gem difluorinated C glycoconjugated derivatives display improved conformational and chemical stability and improved cytotoxicity exhibited against drug resistant cancer cell lines.

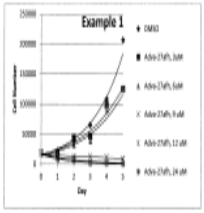

Fig. 3C

No. of Pages : 68 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2322/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF LEVOCETIRIZINE AND MONTELUKAST IN THE TREATMENT OF AUTOIMMUNE DISORDERS

(51) International classification :A61P37/00
(31) Priority Document No :61/780420
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021784
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INFLAMMATORY RESPONSE RESEARCH INC.
Address of Applicant :5333 Hollister Ave #208 Santa Barbara CA 93111 U.S.A.
(72)**Name of Inventor :**
1)MAY Bruce Chandler

(57) Abstract :
The embodiments described herein include methods and formulations for treating autoimmune disorders. The methods and formulations include but are not limited to methods and formulations for delivering effective concentrations of levocetirizine and montelukast to a patient in need. The methods and formulations can comprise conventional and/or modified release elements providing for drug delivery to the patient.

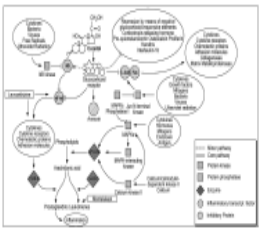

FIG. 1

No. of Pages : 49 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2420/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEQUENCER TERMINAL BLOCK SEQUENCER AND SEQUENCER UNIT

(51) International classification :H01R9/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/059601
Filing Date :29/03/2013
(87) International Publication No :WO 2014/155694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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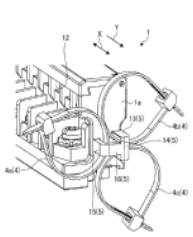
(72)**Name of Inventor :**
1)HAMA Akimasa
2)AOKI Atsunori
3)KAWASAKI Manabu

(57) Abstract :
A sequencer terminal block (1) which has a terminal connection surface on which a plurality of terminal connection parts (12) that terminals can connect to are arranged side by side has a band attachment part (5) formed in a shape protruding to a first direction (Y) side that is parallel to the direction (X) in which the terminal connection parts (12) are arranged. The band attachment part (5) has two first leg parts (13) shaped so as to protrude to the first direction (Y) side and a first linking part (14) that links the tip ends of the first leg parts (13) to each other. Furthermore an area surrounded by an attachment part forming surface (1a) on which the band attachment part (5) is formed the first leg parts (13) and the first linking part (14) forms insertion holes through which tie bands (4) can be inserted.



No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015

(21) Application No.2132/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MANAGING SECONDARY CELL CONNECTIONS

(51) International classification :H04W52/02,H04L5/00,H04W72/04
(31) Priority Document No :61/778233
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023278
Filing Date :11/03/2014
(87) International Publication No :WO 2014/164711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)AMINZADEH Amir Gohari
2)MOTAMED Mariam
3)GOROKHOV Alexei Yurievitch
4)CHRISTOL Thomas James

(57) Abstract :
In wireless communication networks using carrier aggregation a user equipment UE may monitor (400) a downlink radio link quality of secondary cells for an event indicating failure of the communication link with the secondary cell. When a failure event is detected the UE declares (401) a failure state on the secondary cell. In response to the failure state the UE may adjust (401) operations related to the secondary component carrier in order to save power and resources.

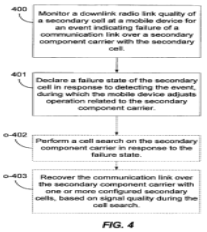

FIG. 4

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2015
(21) Application No.2133/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STORAGE MANAGEMENT CALCULATOR AND STORAGE MANAGEMENT METHOD

(51) International classification :G06F12/00,G06F3/06,G06F13/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/066419
Filing Date :14/06/2013
(87) International Publication No :WO 2014/199506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KANEKO Satoshi
2)SAKASHITA Yukinori
3)SHIBAYAMA Tsukasa

(57) Abstract :
In one mode a management calculator is connected to a host calculator and a storage device and stores in a memory composition information and function setting information. The composition information shows multiple logic storage regions provided by the storage device and objects that are stored in one logic storage region from among the multiple logic storage regions and that are executed by the host calculator the logic storage regions and the objects being shown in association with one another. Meanwhile the function setting information shows storage functions set for the logic storage regions. It is detected that the resources allocated to a first object was changed by means of the host calculator; the setting information of the storage function for the first logic storage region which was allocated to the first object prior to the change in resource allocation is acquired by referring to the composition information and the function setting information; it is determined whether the changes to the resource allocation affects the provision of the storage function pertaining to the first object; and the determination results are outputted.

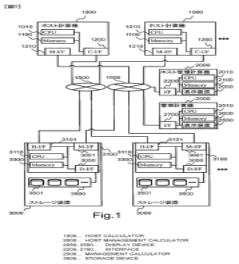
Fig. 1

No. of Pages : 70 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015
(21) Application No.2330/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTIMIZED ADAPTIVE THRESHOLDING FOR TOUCH SENSING

(51) International classification :G06F3/041,G06F3/044
(31) Priority Document No :61/803076
(32) Priority Date :18/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020249
Filing Date :04/03/2014
(87) International Publication No :WO 2014/149672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)AHMED Mohamed Imtiaz
2)HUANG William Yee Ming
3)JALIL Suhail
4)TILAK Raghukul
5)RABII Khosro Mohammad

(57) Abstract :
Methods systems computer readable media and apparatuses for recognizing touch input for a touch panel are presented. In some embodiments a method for recognizing touch input for a touch panel includes scanning the touch panel over a first frame including at least one touch panel blob resulting from a touch on the touch panel. The method also includes scanning the touch panel over a second frame including at least one touch panel blob resulting from a touch on the touch panel. The method additionally includes processing the touch panel blob within the first frame based at least in part on a first touch reporting sensitivity and processing the touch panel blob within the second frame based at least in part on a second touch reporting sensitivity. The method further includes determining whether a valid touch exists based at least in part on the processing step.

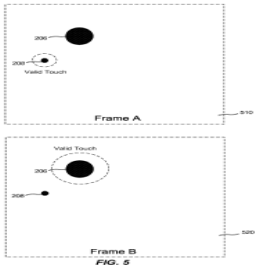


FIG. 5

No. of Pages : 61 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2426/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING POSITION SWITCH STATUS SIGNAL

(51) International classification :G05B19/418
(31) Priority Document No :201310069885.6
(32) Priority Date :05/03/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078657
Filing Date :02/07/2013
(87) International Publication No :WO 2014/134891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GRG BANKING EQUIPMENT CO. LTD.
Address of Applicant :9 Kelin Road Science City Luogang District Guangzhou Guangdong 510663 China
(72)**Name of Inventor :**
1)GAO Ping

(57) Abstract :
Disclosed is a system for transmitting a position switch status signal. The system comprises a signal output unit a first converting apparatus a second converting apparatus and a control unit. Status signals of position switches are outputted by the signal output unit parallel status signals are converted into parallel first current signals by using the first converting apparatus currents in the first current signals are summated to obtain a second current signal and digital status signals of the position switches are restored by using the second converting apparatus and the control unit. Also disclosed is a method for transmitting a position switch status signal. In the present invention because status signals of transmission position switches of a sequential circuit are not used there is no effect of the sequential circuit so that a main control module can quickly and accurately acquire status signals of the position switches; in addition a second current signal can be transmitted through a minimum of one cable and therefore the diameter of a cable bunch between the main control module and a functional module can be shortened to the minimum. FIG. 8: AA Cable BB Position switch

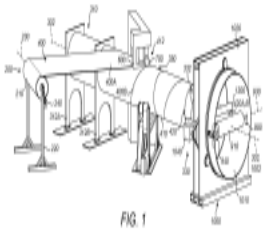


FIG. 1

No. of Pages : 35 No. of Claims : 10

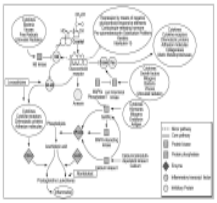
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015
(21) Application No.2324/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF LEVOCETIRIZINE AND MONTELUKAST IN THE TREATMENT OF TRAUMATIC INJURY

(51) International classification :A61P29/00
(31) Priority Document No :61/780336
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021706
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INFLAMMATORY RESPONSE RESEARCH INC.
Address of Applicant :5333 Hollister Ave #208 Santa Barbara CA 93111 U.S.A.
(72)**Name of Inventor :**
1)MAY Bruce Chandler

(57) Abstract :
The embodiments described herein include methods and formulations for treating lung and brain injury. The methods and formulations include but are not limited to methods and formulations for delivering effective concentrations of levocetirizine and montelukast to a patient in need. The methods and formulations can comprise conventional and/or modified release elements providing for drug delivery to the patient.



No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2325/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF LEVOCETIRIZINE AND MONTELUKAST IN THE TREATMENT OF ANAPHYLAXIS

(51) International classification :A61P29/00
(31) Priority Document No :61/780452
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021705
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INFLAMMATORY RESPONSE RESEARCH INC.
Address of Applicant :5333 Hollister Ave #208 Santa Barbara CA 93111 U.S.A.
(72)**Name of Inventor :**
1)MAY Bruce Chandler

(57) Abstract :
The embodiments described herein include methods and formulations for treating anaphylaxis and related acute allergic reactions. The methods and formulations include but are not limited to methods and formulations for delivering effective concentrations of levocetirizine and montelukast to a patient in need. The methods and formulations can comprise conventional and/or modified release elements providing for drug delivery to the patient.

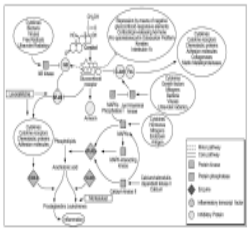


FIG. 1

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2423/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLASSIFYING OBJECTS IN DIGITAL IMAGES CAPTURED USING MOBILE DEVICES

(51) International classification :G06K9/46
(31) Priority Document No :61/780747
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026569
Filing Date :13/03/2014
(87) International Publication No :WO 2014/160426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AMTRUP Jan W.
2)MACCIOLA Anthony
3)THOMPSON Stephen Michael
4)MA Jiyong

(57) Abstract :
A method includes receiving or capturing a digital image using a mobile device and using a processor of the mobile device to: determine whether an object depicted in the digital image belongs to a particular object class among a plurality of object classes; determine one or more object features of the object based at least in part on the particular object class at least partially in response to determining the object belongs to the particular object class; build or select an extraction model based at least in part on the one or more determined object features; and extract data from the digital image using the extraction model. Related systems and computer program products are also disclosed.

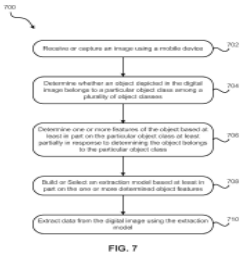

FIG. 7

No. of Pages : 86 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015
(21) Application No.2424/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLASSIFYING OBJECTS IN IMAGES USING MOBILE DEVICES

(51) International classification :H04N1/60
(31) Priority Document No :13/802226
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026597
Filing Date :13/03/2014
(87) International Publication No :WO 2014/160433
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AMTRUP Jan Willers
2)MACCIOLA Anthony
3)THOMPSON Stephen Michael
4)MA Jiyong
5)SHUSTOROVICH Alexander
6)THRASHER Christopher W.

(57) Abstract :
In one embodiment a method includes receiving a digital image captured by a mobile device; and using a processor of the mobile device: generating a first representation of the digital image the first representation being characterized by a reduced resolution; generating a first feature vector based on the first representation; comparing the first feature vector to a plurality of reference feature matrices; and classifying an object depicted in the digital image as a member of a particular object class based at least in part on the comparing.

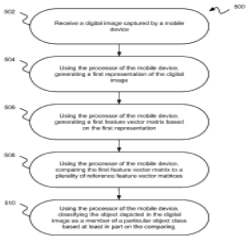


FIG. 5

No. of Pages : 72 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2425/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TIE STRIPS

(51) International classification :F16L3/233,B65D63/10
(31) Priority Document No :1302566.3
(32) Priority Date :14/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/000050
Filing Date :14/02/2014
(87) International Publication No :WO 2014/125241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RAPSTRAP LIMITED
Address of Applicant :Expo House Mead Lane Hertfordshire SG13 7AP U.K.
(72)**Name of Inventor :**
1)HARSLEY Andrew John

(57) Abstract :
A high strength multiple use cable tie (1) formed in a ladder shaped construction comprising two substantially linear side rails (2) of generally uniform cross section. These rails are interconnected by a plurality of closely spaced curved or chevron rungs (3) which define between them similarly shaped apertures (4). The free end (51) of the strip can readily pass through an aperture in a forward direction and form a closed loop but when pulled in the reverse direction the rungs engage to form a co operative latch and thereby prevent withdrawal.

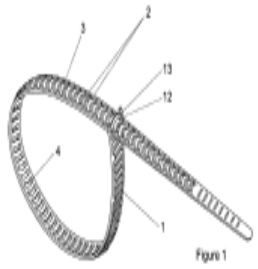


Figure 1

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2336/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED RESONANCE SUPPRESSION FOR ENVELOPE TRACKING MODULATOR

(51) International classification :H03F1/02,H03F3/217,H03F3/21
(31) Priority Document No :1301855.1
(32) Priority Date :01/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2014/051960
Filing Date :31/01/2014
(87) International Publication No:WO 2014/118341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NUJIRA LIMITED
Address of Applicant :Building 1010 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DP U.K.
(72)**Name of Inventor :**
1)WIMPENNY Gerard

(57) Abstract :
An envelope tracking power supply arranged to generate a modulated supply voltage in dependence on a reference signal comprising a first path for tracking low frequency variations in the reference signal and a second path for tracking high frequency variations in the reference signal and further comprising a combiner having a low frequency combining element for the first path and a high frequency combining element for the second path and for generating the modulated supply voltage wherein there is further provided sensing circuitry for sensing a resonance signal in the low or high frequency combining element and adjusting circuitry for adjusting a signal in the first path in dependence on the sensed resonance signal.

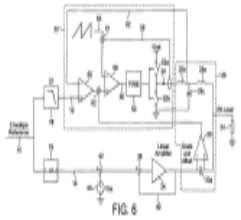


FIG. 6

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2337/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENVELOPE TRACKING MODULATOR WITH FEEDBACK

(51) International classification :H03F1/02,H02M3/158,H03F3/21
(31) Priority Document No :1301856.9
(32) Priority Date :01/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2014/051965
Filing Date :31/01/2014
(87) International Publication No :WO 2014/118345
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NUJIRA LIMITED
Address of Applicant :Building 1010 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DP U.K.
(72)**Name of Inventor :**
1)WIMPENNY Gerard

(57) Abstract :
There is disclosed an envelope tracking modulated supply arranged to generate a modulated supply voltage in dependence on a reference signal comprising a low frequency path for tracking low frequency variations in the reference signal and including a switched mode power supply a correction path for tracking high frequency variations in the reference signal and including a linear amplifier a feedback path from the output of the linear amplifier to the input of the linear amplifier and a combiner for combining the output of the switched mode power supply and the output of the linear amplifier to generate a modulated supply voltage.

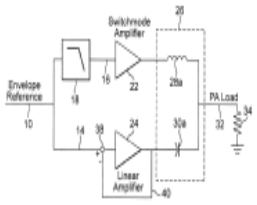


FIG. 5

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

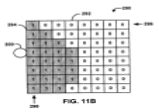
(21) Application No.2338/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREDICTOR FOR DEPTH MAP INTRA CODING

(51) International classification :H04N7/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/000287
Filing Date :15/03/2013
(87) International Publication No :WO 2014/139049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ZHAO Xin
2)ZHANG Li
3)CHEN Ying

(57) Abstract :
ABSTRACT In an example a process for coding video data includes determining a partitioning pattern for a block of depth values comprising assigning one or more samples of the block to a first partition and assigning one or more other samples of the block to a second partition. The process also includes determining a predicted value for at least one of the first partition and the second partition based on the determined partition pattern. The process also includes coding the at least one of the first partition and the second partition based on the predicted value.



No. of Pages : 91 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

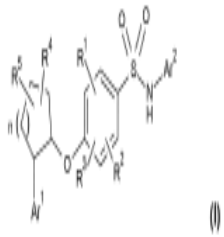
(21) Application No.2432/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRUG FOR RESPIRATORY DISEASES

(51) International classification	:A61K31/506,A61P11/00,A61P11/06
(31) Priority Document No	:2013052278
(32) Priority Date	:14/03/2013
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2014/056606 :13/03/2014
(87) International Publication No	:WO 2014/142221
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DAIICHI SANKYO COMPANYLIMITED
Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan
(72)**Name of Inventor :**
1)TAKAHASHI Sakiko
2)DOMON Yuki
3)KITANO Yutaka
4)SHINOZUKA Tsuyoshi

(57) Abstract :
121231616161616374516161616163716161616161637 1313Provided is a therapeutic and/or prophylactic agent for respiratory diseases or a therapeutic and/or prophylactic agent for sodium channel mediated diseases. A pharmaceutical agent which contains as an active ingredient a compound represented by formula (I) or a pharmacologically acceptable salt thereof. In formula (I) each of Ar and Ar represents a heteroaryl group or an aryl group; each of R R and R represents a hydrogen atom a halogen atom a C C alkyl group a halogenated C C alkyl group a hydroxy C C alkyl group a C C alkoxy C C alkyl group a C C cycloalkyl group or a cyano group; each of R and R represents a hydrogen atom a halogen atom a C C alkyl group a halogenated C C alkyl group a hydroxyl group a hydroxy C C alkyl group a C C alkoxy C C alkyl group a C C cycloalkyl group or a C C alkoxy group; and n represents an integer of 1 3. In this connection the heteroaryl group and the aryl group may have one or two groups that are independently selected from among a halogen atom a C C alkyl group a halogenated C C alkyl group a hydroxyl group a hydroxy C C alkyl group a C C alkoxy C C alkyl group a C C cycloalkyl group a carboxyl group a cyano group an amino group a C C alkylamino group and a di C C alkylamino group and in cases where two groups are contained therein the groups may be the same as or different from each other.



(I)

No. of Pages : 258 No. of Claims : 12

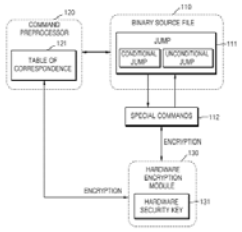
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015
(21) Application No.2247/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR INCREASING THE SECURITY OF SOFTWARE

(51) International classification :G06F21/12,G06F21/62
(31) Priority Document No :1020130010701
(32) Priority Date :30/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000825
Filing Date :28/01/2014
(87) International Publication No :WO 2014/119915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 KR Republic of Korea
(72)**Name of Inventor :**
1)KOLIESNIK Oleksandr

(57) Abstract :
A method for increasing security of software is provided. The method includes replacing a part of a code section comprised in a binary source file of the software with a pre set special command creating a table of correspondence that contains correspondence information between the part of the code section and the pre set special command according to the replacing and inserting the table of correspondence into a command preprocessor execution file of the software.



No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015
(21) Application No.2341/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD TO REGULATE OPERATING VOLTAGE OF A MEMORY ARRAY

(51) International classification :G11C11/417,G11C11/413,G11C5/14
(31) Priority Document No :13/842263
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023381
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SONG Stanley Seungchul
2)WANG Zhongze

(57) Abstract :
A method includes measuring a temperature of a sensor associated with a memory array. The method also includes calculating at a voltage regulating device an operating voltage based on the temperature and based on fabrication data associated with the memory array. The method further includes regulating at the voltage regulating device a voltage provided to the memory array based on the operating voltage.

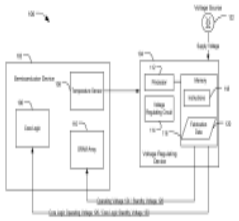


FIG. 1

No. of Pages : 35 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

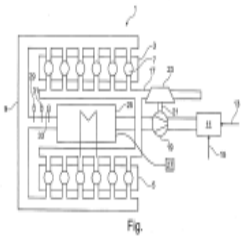
(21) Application No.2342/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR CLEANING A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE AND INTERNAL COMBUSTION ENGINE

(51) International classification :F02B77/04,F02B29/04
(31) Priority Document No :10 2013 201 532.1
(32) Priority Date :30/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/003868
Filing Date :19/12/2013
(87) International Publication No :WO 2014/117799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MTU FRIEDRICHSHAFEN GMBH
Address of Applicant :Maybachplatz 1 88045 Friedrichshafen Germany
(72)**Name of Inventor :**
1)STILLER Bernhard

(57) Abstract :
A method is proposed for cleaning a combustion chamber (7) of an internal combustion engine (1) having the following steps: introducing a gaseous substance into a cooling device (25) wherein the gaseous substance has at least upstream of the cooling device (25) a relative humidity of greater than 0% cooling the substance in the cooling device (25) to below a dewpoint such that water precipitate is formed introducing the substance comprising the precipitate into a combustion chamber (7) of the internal combustion engine (1) performing a combustion reaction in the combustion chamber (7) and discharging residues from the combustion chamber (7).



No. of Pages : 17 No. of Claims : 10

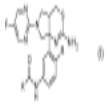
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015
(21) Application No.2343/MUMNP/2015 A
(43) Publication Date : 27/05/2016

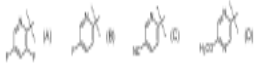
(54) Title of the invention : TETRAHYDROPYRROLOTHIAZINE COMPOUNDS

(51) International classification :C07D513/04,A61K31/547,A61P25/28
(31) Priority Document No :61/776819
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020070
Filing Date :04/03/2014
(87) International Publication No :WO 2014/143579
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
(72)**Name of Inventor :**
1)GREEN Steven James
2)MERGOTT Dustin James
3)WATSON Brian Morgan
4)WINNEROSKI JR. Leonard Larry

(57) Abstract :
The present invention provides a compound of Formula (I): wherein R is H or F; and A is:(A) (B) (C) or (D); or a pharmaceutically acceptable salt thereof.





No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2015

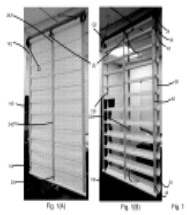
(21) Application No.2439/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROLL UP COVERINGS FOR ARCHITECTURAL OPENINGS AND RELATED METHODS SYSTEMS AND DEVICES

(51) International classification :E06B9/303,E06B9/34,E06B9/382
(31) Priority Document No :61/801058
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026756
Filing Date :13/03/2014
(87) International Publication No :WO 2014/151974
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUNTER DOUGLAS INC.
Address of Applicant :1 Blue Hill Plaza Pearl River NY 10965 U.S.A.
(72)**Name of Inventor :**
1)COLSON Wendell B.

(57) Abstract :
The disclosure provides roll up coverings for an architectural opening and various embodiments of ladder tapes. Embodiments of the roll up covering include a roller a first outer elongate tape a first inner elongate tape and a plurality of slats disposed between the outer and inner elongate tapes. The first inner elongate tape can further defines a plurality of collapsible hinge segments disposed along the length of the first inner elongate tape. The collapsible hinge segments can be configured to collapse in order to decrease the effective length of the first inner elongate tape when the first inner elongate tape is rolled up around the roller. The collapsible hinge segments can further be configured to expand in order to increase the effective length of the first inner elongate tape when the roll up covering is unrolled from the roller.



No. of Pages : 66 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2328/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PREVENTING AND EXTINGUISHING FIRE

(51) International classification :A62D1/02,A62C3/00,A62C5/02
(31) Priority Document No :2013041311
(32) Priority Date :01/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000865
Filing Date :19/02/2014
(87) International Publication No :WO 2014/132596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YAMATO PROTEC CORPORATION
Address of Applicant :1 10 Fukae kita 2 chome Higashinari ku Osaka shi Osaka 5370001 Japan
2)NIPPON ALUMINUM ALKYLS LTD.
(72)**Name of Inventor :**
1)FUKUDA Yasuyoshi
2)TAKATSUKA Yuki
3)ISHIHARA Takahiro
4)FUKUMURA Koki
5)KOGA Seijiro
6)MIYASHITA Koji

(57) Abstract :
The present invention provides a method for preventing and extinguishing fire the method for preventing and extinguishing fire being effective against fire caused by a pyrophoric material and a water prohibitive substance. The method for preventing and extinguishing fire of the present invention is characterized in that a fire extinguishing foam composition is supplied to a flame caused by the combustion of a pyrophoric material and a water prohibitive substance whereby the flame is suppressed or extinguished and that a combustible material is changed to an inert substance by a hydration reaction the combustible material being a pyrophoric material or a water prohibitive substance.

No. of Pages : 17 No. of Claims : 6

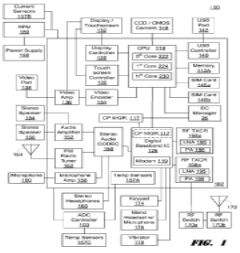
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015
(21) Application No.2329/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING ELECTRICAL CURRENT IN A PORTABLE COMPUTING DEVICE

(51) International classification :H04W52/02
(31) Priority Document No :13/844204
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024521
Filing Date :12/03/2014
(87) International Publication No :WO 2014/150912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)DERBYSHIRE Amy
2)NGAI Francis
3)TAHA Ali
4)MIKUTEIT Eric
5)MCCLOUD Michael Lee
6)MAHAJAN Amit
7)CORONEL David
8)AKULA Prashanth
9)SUTTON Todd
10)PATEL Hardik
11)CORLETO Hector

(57) Abstract :
A method and system for managing electrical current within a portable computing device (PCD) includes assigning a priority to two or more communications supported by the PCD. A present level of a power supply for the PCD may be monitored by a communications power (CP) manager module. Next the CP manager module may determine if the two or more communications may be transmitted at the present level of the power supply. If the two or more communications cannot be transmitted at the present level of the power supply then the CP manager module may determine if a timing of at least one of the communications may be adjusted. The CP manager module may also determine a theoretical power level adjustment for at least one of the communications. The two or more communications may be transmitted with any calculated timing off sets and power level adjustments.



No. of Pages : 58 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2430/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWER CONVERTER COMPRISING AN ARCHITECTURE HAVING NONALIGNED ARMS

(51) International classification :H02J1/12,H02M7/00,H02M7/08
(31) Priority Document No :13 51819
(32) Priority Date :28/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/053794
Filing Date :27/02/2014
(87) International Publication No:WO 2014/131817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)JOSSE Philippe
2)DEVAUTOUR Jo«l

(57) Abstract :
The invention relates to a power converter (3) comprising a positive converter bridge (P+) and a negative converter bridge (P) the converter bridges being Gra«tz bridges and assembled in parallel each converter bridge comprising a first series of component arms connected to the phases of a first secondary of a transformer (2) and a second series of component arms connected to the phases of the second secondary of the transformer (2) characterized in that at least one series of component arms comprises arms (B1 B2 B3) that are arranged relative to one another such that they are nonaligned in a same plane.

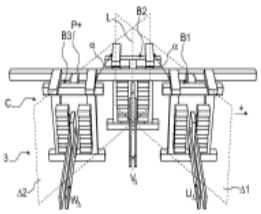


FIG. 5

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2431/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF EXTRACTING A JACKET OF A GAS INSULATED SUBSTATION (GIS) UNDER A METAL CASING

(51) International classification :H02B3/00,H02B5/06,H02B13/045
(31) Priority Document No :13 51636
(32) Priority Date :25/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/053407
Filing Date :21/02/2014
(87) International Publication No :WO 2014/128251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)GERBER Heinz
2)LSCHER Robert

(57) Abstract :
The invention relates to a removable stabilizer for a spacing casing (24a 24f) of an electrical installation of GIS type (20) the spacing casing (24a 24f) comprising a first aperture (33) as well as a conductor (30b) provided with a bore (34) the removable stabilizer (29) comprising a plug (29a) configured to be introduced through the first aperture (33) in the spacing casing (24a 24f) the plug being intended to penetrate into the bore (34) of the conductor (30b) so as to block said conductor (30b) in translation after venting said spacing casing (24a 24f) to atmospheric pressure.

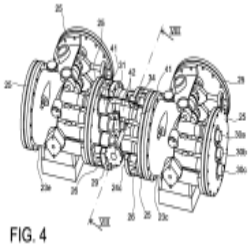


FIG. 4

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015
(21) Application No.2332/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADAPTIVE SENSOR SAMPLING FOR POWER EFFICIENT CONTEXT AWARE INFERENCES

(51) International classification :G06F1/32,H04M1/725
(31) Priority Document No :13/782989
(32) Priority Date :01/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014963
Filing Date :05/02/2014
(87) International Publication No :WO 2014/133723
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GROKOP Leonard Henry
2)SADASIVAM Shankar

(57) Abstract :
Disclosed is a system apparatus computer readable storage medium and method to perform a context inference for a mobile device. In one embodiment a data processing system includes a processor and a storage device configurable to store instructions to perform a context inference for the data processing system. Data may be received from at least a first sensor and a first classification of the data from the sensor may be performed. Confidence for the first classification can be determined and a second sensor can be activated based on a determination that the confidence fails to meet a confidence threshold. A data sample classification from the activated second sensor may be classified jointly with the data from first sensor.

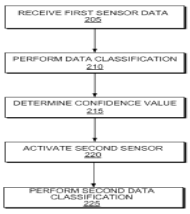


FIG. 2

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2333/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR STORING AND RETRIEVING DATA

(51) International classification :G06F12/00
(31) Priority Document No :13/756921
(32) Priority Date :01/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014209
Filing Date :31/01/2014
(87) International Publication No :WO 2014/121102
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SYMBOLIC IO CORPORATION
Address of Applicant :379 Thornall Street 10th Floor Edison NJ 08837 U.S.A.
(72)**Name of Inventor :**
1)IGNOMIRELO Brian

(57) Abstract :
Through use of the technologies of the present invention one is able to store and to retrieve data efficiently. In various embodiments one may realize these efficiencies by coding the data and storing coded data that is of a smaller size than original data. The present invention relates to the field of data storage and retrieval.

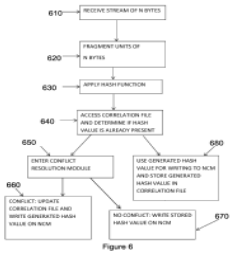


Figure 6

No. of Pages : 78 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2334/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NANOPARTICLE DELIVERY COMPOSITIONS

(51) International classification :A61K9/00,A61K47/48,A61K49/18
(31) Priority Document No :1302427.8
(32) Priority Date :12/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050372
Filing Date :07/02/2014
(87) International Publication No :WO 2014/125256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MIDATECH LIMITED
Address of Applicant :4 & 5 Dunmore Court Wootton Road Abingdon Oxfordshire OX13 6BH U.K.
(72)**Name of Inventor :**
1)MALE David K.
2)RADEMACHER Thomas

(57) Abstract :
Nanoparticle delivery systems for use in targeting biologically active agents to the central nervous system comprise a composition comprising (a) a nanoparticle comprising: (i) a core comprising a metal and/or a semiconductor; and (ii) a corona comprising a plurality of ligands covalently linked to the core wherein said ligands comprise a carbohydrate insulin and/or a glutathione; and (b) the at least one agent to be delivered to the CNS. Methods of treatment and diagnosing CNS disorders utilising the nanoparticle delivery systems and related screening methods are also disclosed.

No. of Pages : 84 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2436/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING A LAMINATE

(51) International classification :B29C53/58,B29C53/56,B29C70/20
(31) Priority Document No :1302511.9
(32) Priority Date :13/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050402
Filing Date :12/02/2014
(87) International Publication No :WO 2014/125268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GROUP RHODES LIMITED
Address of Applicant :Elm Tree Street Belle Vue Wakefield Yorkshire WF1 5EQ U.K.
(72)**Name of Inventor :**
1)MCDONALD Philip
2)COCKERHAM Professor Graham
3)RICHARDSON Barry
4)GREEN Gordon

(57) Abstract :
An apparatus (100) for forming a laminate of pre preg composite material comprises supply means (200) to supply pre preg strip (400) to a stationary mandrel (300). The pre preg strip (400) is formed into a tube (410) on the mandrel (300) and is driven to both rotate relative to the mandrel and to move axially along the mandrel. In this way it can be dispensed from an end of the mandrel (300) and formed in to a further pre preg strip (420) with off axis fibres.

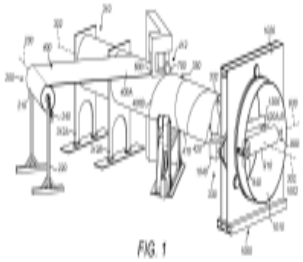


FIG. 1

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2015

(21) Application No.2437/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF ACIDOGENIC LEACHATE METHOD AND PLANT FOR SOIL WASHING

(51) International classification :B09C1/02,A62D3/02,B09B3/00
(31) Priority Document No :13502844
(32) Priority Date :08/03/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2014/053357
Filing Date :20/02/2014
(87) International Publication No :WO 2014/135380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RAGN SELLS AB
Address of Applicant :Box 952 SE 191 29 Sollentuna Sweden
(72)**Name of Inventor :**
1)KIHL Anders
2)LAGERKVIST Anders

(57) Abstract :
The invention relates to soil washing using acidogenic leachate. A plant and a method for soil washing using acidogenic leachate are described. Preferably the plant is arranged to be transported to the site where the contaminated soil is located so that the soil washing can be performed on site.

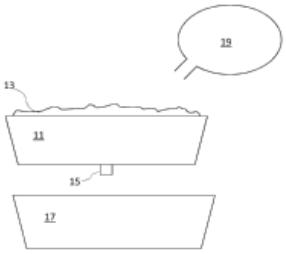


Figure 2

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015

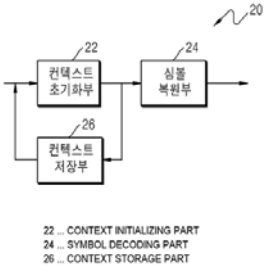
(21) Application No.2242/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR

(51) International classification :H04N 19/13, H04N 19/00
(31) Priority Document No :61/748,964
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000093
Filing Date :06/01/2014
(87) International Publication No :WO/2014/107065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1889/MUMNP/2015
Filed on :14/07/2015

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE, Tammy
2)CHOI, Byeong-doo

(57) Abstract :
The present invention relates to entropy encoding and entropy decoding for encoding and decoding a video signal. The method for entropy-decoding a video signal comprises the steps of: determining a bin string and a bin index for the maximum encoding unit obtained from a bit stream; when determining the value of a syntax element by comparing the presently obtained bin string with the bin strings to be assigned to the syntax element in the bin index, if the syntax element is the last one in the last maximum encoding unit, and a subordinate slice segment can be included in the picture including the maximum encoding unit, storing the context parameters for the maximum encoding unit; and decoding the symbols of the maximum encoding unit by using the value of the previously determined syntax element.



No. of Pages : 89 No. of Claims : 5

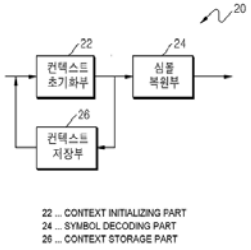
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2015
(21) Application No.2243/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR

(51) International classification :H04N 19/00, H04N 19/91
(31) Priority Document No :61/748,964
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000093
Filing Date :06/01/2014
(87) International Publication No : WO/2014/107065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1889/MUMNP/2015
Filed on :14/07/2015

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE, Tammy
2)CHOI, Byeong-doo

(57) Abstract :
The present invention relates to entropy encoding and entropy decoding for encoding and decoding a video signal. The method for entropy-decoding a video signal comprises the steps of: determining a bin string and a bin index for the maximum encoding unit obtained from a bit stream; when determining the value of a syntax element by comparing the presently obtained bin string with the bin strings to be assigned to the syntax element in the bin index, if the syntax element is the last one in the last maximum encoding unit, and a subordinate slice segment can be included in the picture including the maximum encoding unit, storing the context parameters for the maximum encoding unit; and decoding the symbols of the maximum encoding unit by using the value of the previously determined syntax element.



No. of Pages : 89 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

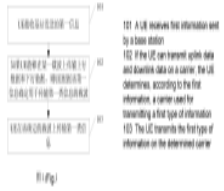
(21) Application No.2339/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CARRIER INDICATION METHOD USER EQUIPMENT AND BASE STATION

(51) International classification :H04W72/04,H04W16/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2013/071382
Filing Date :05/02/2013
(87) International Publication No :WO 2014/121435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)LV Yongxia
2)ZHANG Wen

(57) Abstract :
Disclosed are a carrier indication method a user equipment (UE) and a base station. The method comprises: a UE receiving first information sent by a base station; if the UE can transmit uplink data and downlink data on a carrier the UE determining according to the first information a carrier used for transmitting a first type of information; and the UE transmitting the first type of information on the determined carrier wherein the first type of information comprises at least one of the following: uplink data downlink data and scheduling information. In this application the UE determines according to the first information sent by the base station a carrier used for transmitting information so as to normally transmit information.



No. of Pages : 69 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2015

(21) Application No.2441/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MAKING A LAMINAR VENTRICULAR PARTITIONING DEVICE

(51) International classification :A61B17/12
(31) Priority Document No :13/827927
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/027364
Filing Date :14/03/2014
(87) International Publication No :WO 2014/152461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CARDIOKINETIX INC.
Address of Applicant :925 Hamilton Avenue Menlo Park CA 94025 U.S.A.
(72)**Name of Inventor :**
1)ALEXANDER Miles D.

(57) Abstract :
Described herein are systems and methods for securing a polymeric sheet to rib components of a frame structure wherein the rib components (14) are jointed at a hub (12) to form an expandable and collapsible implant. In general the method may include the steps of decreasing a diameter of the frame structure; placing the frame structure into an assembly fixture wherein the assembly fixture is configured to hold the frame structure in a loaded configuration with a decreased diameter; placing a polymeric sheet (11) into the assembly fixture; and heating the assembly under pressure to fuse the sheet to the frame structure. In general a fixture may include a first and second platen having a shaping portion and a rim portion positioned around the periphery of the platen wherein the shaping portions are configured to hold the rib components of the frame structure in a loaded configuration with a decreased diameter.

No. of Pages : 59 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2433/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TANK FEED THROUGH STRUCTURE FOR A RADAR LEVEL GAUGE

(51) International classification :G01F23/284
(31) Priority Document No :13/796105
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054744
Filing Date :11/03/2014
(87) International Publication No :WO 2014/140043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT TANK RADAR AB
Address of Applicant :Box 13045 S 402 51 Gteborg Sweden
(72)**Name of Inventor :**
1)FREDRIKSSON Hkan

(57) Abstract :
A radar level gauge using electromagnetic waves for determining a filling level of a product in a tank comprising a transceiver processing circuitry a signal propagating device and a tank feed through structure. The tank feed through structure includes a fixed tank connection (23) arranged to be secured to the tank a tank connection adaptor (26) arranged in a through hole of the fixed tank connection a coupling arrangement (30) arranged in the through hole and resting against the tank connection adaptor and a fastening member (43) attached to the fixed tank connection and securing the coupling arrangement between the tank connection adaptor and the fastening member. According to this design different tank connection adaptors may be adapted to fit a fixed tank connection having identical design. This reduces the required number of unique components significantly.

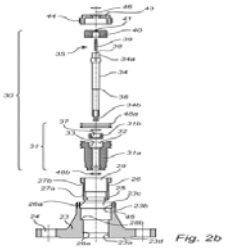


Fig. 2b

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2434/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RADAR LEVEL GAUGING WITH SIGNAL DIVISION

(51) International classification :G01S7/35,G01F23/284,G01S13/88
(31) Priority Document No :13/796043
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054746
Filing Date :11/03/2014
(87) International Publication No :WO 2014/140044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT TANK RADAR AB
Address of Applicant :Box 13045 S 402 51 Gteborg Sweden
(72)**Name of Inventor :**
1)LARSSON Lars Ove
2)KLEMAN Mikael

(57) Abstract :
A method for providing narrow band interference unaffected measurement of a distance to a surface of a product kept in a tank comprising mixing (S3) a return signal with a transmit signal to provide an intermediate frequency signal and determining the distance based on the intermediate frequency signal. The step of determining the distance further comprises dividing (S4) the intermediate frequency signal into a plurality of frequency portions wherein each frequency portion corresponds to a frequency interval of the transmit signal identifying (S5) disturbed frequency portions as frequency portions affected by narrow band interference and determining (S6) the distance based on frequency portions being unaffected by narrow band interference. By dividing the IF signal into frequency portions corresponding to frequency intervals of the transmit signal frequency intervals where narrow band interferences are present may be detected.

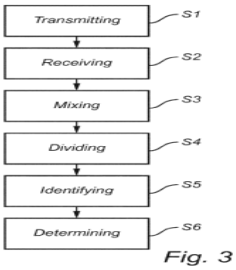


Fig. 3

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2435/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH TEMPERATURE HIGH PRESSURE (HTHP) RADAR LEVEL GAUGE

(51) International classification :G01F23/284
(31) Priority Document No :13/795944
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/054747
Filing Date :11/03/2014
(87) International Publication No :WO 2014/140045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT TANK RADAR AB
Address of Applicant :Box 13045 S 402 51 Gteborg Sweden
(72)**Name of Inventor :**
1)FREDRIKSSON Hkan
2)OHLSSON Magnus

(57) Abstract :
A radar level gauge using comprising a transceiver processing circuitry a signal propagating device and a wave guide arrangement connecting the transceiver with the signal propagation device. The wave guide arrangement includes a hollow wave guide a first filling member made of a first dielectric material which first filling member is arranged inside the hollow wave guide and a second filling member made of a second dielectric material which second filling member is arranged inside the hollow wave guide outside the first filling member with respect to the tank. The second filling member is fixed in the wave guide at least in a direction out from the tank and is configured to withstand temperatures up to 250 degrees Celsius. During conditions of temperatures sufficiently high to soften the inner filling member the outer filling member will thus serve to prevent the first filling member from being forced out of the wave guide.

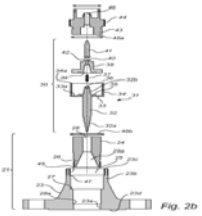


Fig. 2b

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015
(21) Application No.2442/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHARACTER RECOGNITION DEVICE CHARACTER RECOGNITION METHOD AND RECORDING MEDIUM

(51) International classification :G06K9/62
(31) Priority Document No :2013035160
(32) Priority Date :25/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079119
Filing Date :28/10/2013
(87) International Publication No :WO 2014/129016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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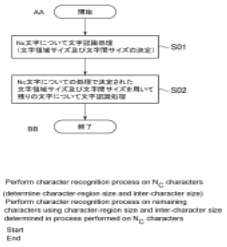
1)KOJIMA Yohei
2)SAITO Mayumi
3)SUGIMOTO Kiichi
4)OKAZAKI Takuma
5)NAKAO Kenta

(57) Abstract :
The present invention provides a character recognition device that performs character recognition on a grayscale image containing a string comprising characters lined up in a specific direction. Said character recognition device first performs character recognition on N characters (N being a prescribed number greater than or equal to 2) from the end of the string. During the character recognition performed on said N characters a plurality of character regions of a variety of character region sizes are set at each position on the grayscale image and a character recognition result and a score are computed for each of said character regions. On the basis of the computed scores the character recognition device determines the character recognition result for the N characters and the optimal character region size. For character recognition for the remaining characters the character recognition device sets a character region of the optimal character region size at each position on the grayscale image and performs the character recognition process.



S01 Perform character recognition process on N_C characters (determine character-region size and inter-character size)
S02 Perform character recognition process on remaining characters using character-region size and inter-character size determined in process performed on N_C characters
AA Start
BB End

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015

(21) Application No.2443/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTENT ENGINE FOR ENHANCED RESPONSIVENESS IN INTERACTIVE REMOTE COMMUNICATIONS

(51) International classification	:H04M3/42,H04M3/487,H04M3/533
(31) Priority Document No	:13/794785
(32) Priority Date	:11/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/021803 :07/03/2014
(87) International Publication No	:WO 2014/164304
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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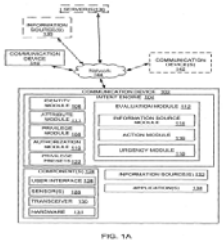
(72)**Name of Inventor :**
1)RAMACHANDRAN Arvind Kulathu
2)SENSHARMA Saurabh
3)EL MALEH Khaled Helmi
4)OGUZ Seyfullah Halit
5)DODDI R.v. Jagannadha Rao

(57) Abstract :
System to enable a communication device to respond to a caller based on an intent of the caller as determined by an intent engine and the caller s privilege level. In an aspect the caller may be busy and based on the caller s intent and privilege level the caller is provided with information and/or a set of configurable follow up actions may be taken in the absence of the intended communication recipient.



No. of Pages : 108 No. of Claims : 146

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015
(21) Application No.2444/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL FIBRE AND MANUFACTURING METHOD AND IDENTIFICATION METHOD THEREFOR

(51) International classification :G02B6/02,G01N21/78
(31) Priority Document No :201310073267.9
(32) Priority Date :07/03/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073507
Filing Date :29/03/2013
(87) International Publication No :WO 2014/134849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :169Guiqiao Road Pudong Shanghai 201206 China
(72)**Name of Inventor :**
1)YU Kaijie
2)CHI Ping
3)YAN Shuai

(57) Abstract :
An optical fibre and a manufacturing method and identification method therefor which relate to the field of optical fibres. At least one coating of the optical fibre contains a colour indicator the colour indicator being one of or a combination of more than one of an acid base indicator an oxidation reduction indicator and a complexometric indicator. By adding the colour indicator in the coating of the optical fibre when producing the optical fibre the coating of the optical fibre is marked and then the optical fibre is marked. The indicator will have a colour reaction when encountering a corresponding colour reagent so as to enable the colour reagent to display a colour. Since other optical fibres do not have this nature the optical fibre can be easily identified through the colour reaction so as to facilitate marking and protecting the optical fibre. Colour indicators are environmentally friendly and will not cause environmental pollution. The colour reaction is simple and quick in operation and high in sensitivity. Colours can be displayed by only adding a small quantity of colour indicators. Thus the performance of a coating of an optical fibre will not be affected when a small quantity of colour indicators are added.

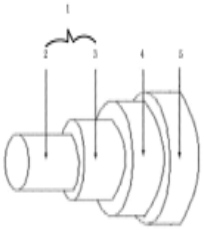

图 1 / Fig. 1

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015
(21) Application No.2358/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NUMERICAL CONTROL DEVICE

(51) International classification :G05B19/4093
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/059706
Filing Date :29/03/2013
(87) International Publication No :WO 2014/155723
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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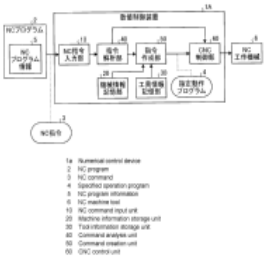
Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan
(72)**Name of Inventor :**
1)IKEDA Ryoichi
2)TAKAHASHI Nobuyuki
3)YAMAMOTO Kohei

(57) Abstract :
The present invention is equipped with: a numerical control (NC) command input unit (10) that receives, as inputs, NC commands for performing NC processing, and NC commands (3) which, as NC commands for performing a process that is not dependent on NC processing, are not dependent on the model of an NC machine tool (6); a machine information storage unit (20) that stores model information related to the model of the NC machine tool (6); a tool information storage unit (30) that stores tool information for tools used in the NC machine tool (6); a command analysis unit (40) that determines whether an NC command that has been input to the NC command input unit (10) is an NC command (3); a command creation unit (50) which, when the NC command is an NC command (3), creates a specified operation program (4) on the basis of the NC command (3), the model information, and the tool information, this specified operation program being a program that causes the NC machine tool (6) to perform a series of operations in accordance with the NC command (3) ; and a CNC control unit (60) that controls the NC machine tool (6) by executing the specified operation program.



No. of Pages : 46 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015
(21) Application No.2359/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR SCHEDULING DELAYED ACKS/NACKS IN LTE CELLULAR SYSTEMS

(51) International classification :H04L1/18,H04L5/00
(31) Priority Document No :13/844864
(32) Priority Date :16/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/024888
Filing Date :12/03/2014
(87) International Publication No :WO 2014/151069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :c/o International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KHUDE Nilesh N.
2)JIANG Libin
3)TAVILDAR Saurabha R.
4)PATIL Shailesh

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus may be an eNB. The eNB informs UE(s) of a change in at least one of a first configuration for transmission of ACKs/NACKs by the UE(s) for DL transmissions received by the UE(s) or a second configuration for reception of ACKs/NACKs by the UE(s) for UL transmissions sent by the UE(s). The eNB indicates to the UE(s) one or more resources in which the UE(s) is to transmit the ACKs/NACKs for the received DL transmissions or is to receive the ACKs/NACKs for sent UL transmissions. The eNB indicates to the UE(s) a subset of the DL transmissions to the UE(s) for which the UE(s) is to transmit the ACKs/NACKs or a subset of the UL transmissions by the UE(s) for which the UE(s) is to receive the ACKs/NACKs.

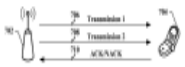


FIG. 7

No. of Pages : 84 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015
(21) Application No.2452/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOSENSOR AND MANUFACTURING METHOD THEREFOR

(51) International classification :G01N27/26,G01N33/487,C12Q1/00
(31) Priority Document No :201310104732.0
(32) Priority Date :28/03/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087654
Filing Date :22/11/2013
(87) International Publication No :WO 2014/153968
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :The Center No.99 Queens Road Central HongKong Hong Kong China
(72)**Name of Inventor :**
1)ZHANG Ziyi
2)GE Huanxi

(57) Abstract :
A biosensor and a method for manufacturing the biosensor. The biosensor comprises an insulating base board (1) an electrode system (2 3 and 4) a reagent and an insulation layer (5). The insulation layer (5) covers a part of the electrode system (2 3 and 4). Also an enclosed area (6) without the insulation layer is formed at where the reagent is. The enclosed area (6) is provided with an enclosing border having no sharp corner. The reagent covers the enclosed area (6) and does not go beyond the enclosing border. The biosensor also comprises an auxiliary diffusion electrode (12). The use of the enclosing border having no sharp corner and of the auxiliary diffusion electrode (12) reduces the edge effect of the reagent allows the reagent to diffuse uniformly at response areas of the electrodes effectively controls the amount of reagent used reduces product costs and allows for simple manufacturing.

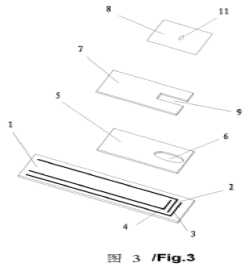

图 3 /Fig.3

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2374/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BASE STATION AND METHOD FOR CONTROLLING RADIO RESOURCES ALLOCATION

(51) International classification :H04L5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2013/052602
Filing Date :08/02/2013
(87) International Publication No :WO/2014/121847
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHELLMANN Malte
2)SCHULZ Egon
3)THEIN Christoph

(57) Abstract :
The invention relates to a base station (100) comprising: a transceiver (101) for multi carrier radio transmission within a radio frequency band the transceiver (101) being adapted to receive service quality requests (102) of a plurality of users requesting service from the base station (100); and a radio resource controller (103) being adapted to allocate subcarriers of the multi carrier radio transmission to the users and to configure the subcarriers in the radio frequency band according to the service quality requests of the users.

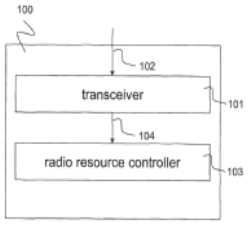

Fig. 1

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2375/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPLAY SYSTEM WITH MEDIA PROCESSING MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :H04N21/83,H04N21/45
(31) Priority Document No :13/834835
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/002087
Filing Date :13/03/2014
(87) International Publication No :WO/ 2014/142560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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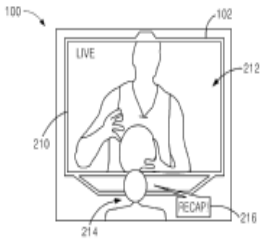
1)DHANASARNSOMBAT Dhana
2)ADHIKARI Suranjit
3)BUSSE Daniela Karin
4)BRINCK Tom
5)KUNCL Parker Ralph

(57) Abstract :
A method of operation of a display system includes: receiving a recap request for a source media; generating source content descriptors for the source media with a control unit; extracting a source recap segment from the source media based on correlation of the source content descriptors with a recap theme associated with the recap request; and generating a custom recap with the source recap segment for displaying on a device.



No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014
(21) Application No.3694/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PARAOX□ - A NOVEL REACTOR FOR DESTRUCTION/REDUCTION OF COMPLEX ORGANIC MOLECULES□.

(51) International classification	: B01J35/00, B01J35/06, F24F3/16,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)THIRUMAL CHANDRAN

(57) Abstract :
A system for treatment of wastewater including: a reactor vessel (112) for receiving wastewater injected with ozone, the reactor vessel (112) is connected to an ultrasonic wave generator (108) for supplying ultrasound waves in the reactor vessel (112), a first UV reactor (114), an oxidant dosing means (118) and a second UV reactor (116) for catalyzing generation of hydroxyl radicals in the ozonized wastewater, and valve means for controlling pressure in the reactor vessel (112) such that at least a part of the vessels upper space is filled with ozone. The operation of the reactor vessel is continued till a set vessel pressure is obtained, which will effect the treated effluent to be automatically discharged from the reactor vessel (112) into filtration means. The system provides effective removal of biodegradable and non-biodegradable pollutants. FIGURE 1

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3696/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITION OF BOLUS TO REGULARISE OESTRUS CYCLE AND FRUITFUL CONCEPTION IN DAIRY ANIMALS.

(51) International classification	:A61D7/00, A61D19/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DR. ASHOK S. KUCHEWAR

(57) Abstract :
These bolus contains the trace elements chelated with amino acids, basic raw material is trace elements & these are stored in rooms at room temperature. No specific maintenance of temperature is required for this process. There is also no specific time limit till used for manufacturing of the bolus. The wet granules for bolus are dried by using electrical heater. Mass mixture is used for granulation. The grranules are made by using diffrence type of paste. The granulation is required for bolus formation. For Bolus formation binding agents is used. The mesh size for all materials are 40#. The tempreture at every stage have normal room tempreture excluding drying. In drying of granules the temprerature is below 50 degree celsius. All ingredients of proper mesh size mixed thoroughly and the powder is analysed in the laboratory and finally packed in the sachets. The sachets are stored at room temperature.

No. of Pages : 7 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2015
(21) Application No.2284/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRAFFIC SHAPING MECHANISM FOR UE POWER SAVING IN CONNECTED MODE

(51) International classification :H04W72/12
(31) Priority Document No :61/842459
(32) Priority Date :03/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2014/081593
Filing Date :03/07/2014
(87) International Publication No :WO 2015/000427
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :No.1 Dusing Road 1st Science Based Industrial Park Hsin Chu Taiwan 300 China
(72)**Name of Inventor :**
1)HSU Chia Chun
2)CHOU Chie Ming

(57) Abstract :
A method of uplink shaping and scheduling request (SR) prohibition in RRC Connected Mode is proposed. A UE applies DRX operation in a wireless network the UE is in RRC Connection mode. The UE processes a data packet to be sent to the network. The data packet is associated with a traffic type. If the data packet belongs to a normal traffic type then the UE transmits a scheduling request (SR) to the network. If the data packet belongs to a background traffic type then the UE buffers the data packet and is prohibited from sending the SR to the network until a triggering condition is satisfied. By reducing the activity of uplink transmission UE power consumption is improved and signaling overhead is reduced.

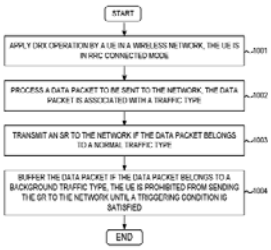

FIG. 10

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2377/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPUTING SYSTEM WITH PRIVACY MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :G06F17/00
(31) Priority Document No :13/896030
(32) Priority Date :16/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/004403
Filing Date :16/05/2014
(87) International Publication No :WO/2014/185742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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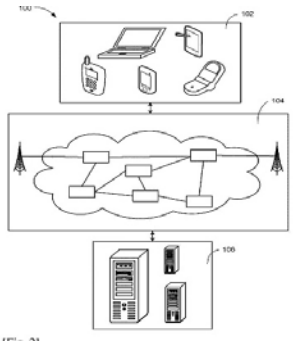
(72)**Name of Inventor :**
1)JIN Hongxia
2)KNIJNENBURG Bart Piet

(57) Abstract :
A computing system includes: an initialization module configured to generate initial sharing options; a rating analysis module coupled to the initialization module configured to generate a privacy score and a benefit score with a control unit for one or more of the initial sharing options; a mapping module coupled to the rating analysis module configured to generate a map based on the initial sharing options the privacy score and the benefit score; and a tuning module coupled to the mapping module configured to: analyze an initial distribution of the map and generate the tuned sharing options based on the initial distribution for displaying on a device.



No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

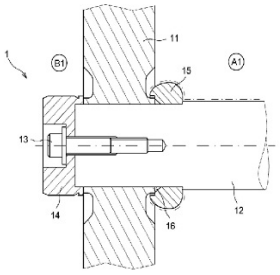
(21) Application No.2378/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SECURING DEVICE FOR GIS

(51) International classification :H02G5/06
(31) Priority Document No :13 51506
(32) Priority Date :21/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/053209
Filing Date :19/02/2014
(87) International Publication No :WO 2014/128152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)GERBER Philip
2)LSCHER Robert
3)TREIER Lukas

(57) Abstract :
The invention relates to a securing device for an installation of the GIS type having a threaded rod and a ring having a duct for receiving the threaded rod the ring being housed in a supporting insulator which the installation has.



No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014
(21) Application No.3717/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RESONANT TUNNELING MAGNETIC TUNNELING JUNCTION DEVICE

(51) International classification	:H03K17/74, B82Y99/00, H01L29/772
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Ashwin Tulapurkar
3)Niladri Shekhar Chatterji

(57) Abstract :
Embodiments herein disclose a system for optimizing switching characteristics of a Magnetic Tunnel Junction (MTJ). The system includes a free layer of magnet, a fixed layer of magnet, and a semiconductor quantum well connected to each of the free layer of magnet and the fixed layer of magnet. The semiconductor quantum well is sandwiched between a metal oxide. The semiconductor quantum well provides a resonant tunneling in the MTJ, such that the free layer of magnet switches via a spin transfer torque thereby optimizing the switching characteristics FIG. 2a

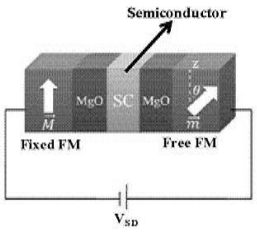

FIG. 2a

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3718/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POSITIONING METHOD AND SYSTEM BASED ON WIRELESS SIGNALS

(51) International classification	:H04W16/18, H04W84/12, H04W64/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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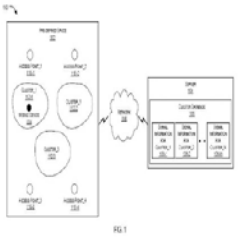
2)CHATURVEDI, Prateek
(72)**Name of Inventor :**
1)GUDI, Manoj
2)CHATURVEDI, Prateek

(57) Abstract :
A method and system for positioning a mobile device in a predefined space using wireless signals transmitted by access points is disclosed. In an initial mapping stage, the predefined space is mapped to study the signal characteristics of positions in that space. Positions in the predefined space that are close to and receive signals from the same access points and have similar signal characteristics are grouped into clusters. Positioning of a mobile device in the predefined space is carried out in two stages. In the first positioning stage, the mobile device is assigned to one of the clusters. In a second positioning stage, the position of the mobile device is determined by applying a prediction method assuming that the assigned cluster is the new universe. Data from INS (Inertial Navigation System) sensors like accelerometers, gyroscopes and magnetometers are used to further refine the position.



No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014
(21) Application No.3704/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWER DISTRIBUTION SYSTEM

(51) International classification	:H02J13/00, H02J3/00, H02J3/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)Prahlad Bhugra
3)Asokan T.
4)Basavarajappa NT

(57) Abstract :
ABSTRACT TITLE.: POWER DISTRIBUTION SYSTEM In one embodiment, apower distribution system (100)is provided. The power distribution system (100) comprises a bus bar assembly (102) that comprises a bus bar (105) for connecting multiple conductors (107, 109, 111, 113, 115), wherein at least one conductor (111) is an incoming conductor (111), a set of resilient devices (118, 119, 120, 121 and 122) for controlling connection of the conductors (107, 109, 111, 113, 115) with the bus bar (105), wherein each resilient device (120) is configured for controlling connection of a corresponding conductor (111) with the bus bar (105) and an access tool (125) for operating each resilient device (120), the access tool (125) configured for enabling the resilient device (120) to control connection of the corresponding conductor (111) with the bus bar (105).

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3705/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A COMPOSITION FOR INHIBITION OF COKE FORMATION DURING HYDROCARBON CRACKING

(51) International classification	: C09K3/00, C10G75/04, C07C4/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SHARMA NAGESH
4)JAIN LAXMILAL
5)JASRA RAKSH VIR
6)AGRAWAL ANKUR

(57) Abstract :
The present disclosure provides to an additive composition of group-1A metal salts which is added to a reactor to reduce the amount of coke formed during thermal cracking of hydrocarbon feed to olefins. The additive contains a mixture of potassium carbonate and potassium acetate. A method for using the composition is disclosed. 66-80% reduction in the amount of coke formation was observed when the composition of the present disclosure was added to the feed containing hydrocarbon and steam during the cracking process.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3706/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROJECT ASSURANCE MANAGEMENT

(51) International classification	:G06Q10/06, G06Q10/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NARAYANASWAMY, Kumaresan
3)JOSHI, Hemant Prakash
4)GANESAN, Sivaraman G
5)VIN, Harrick Mayank

(57) Abstract :
Examples of project assurance management are defined herein. In an example, for a project phase in a software project lifecycle of a project, one or more probable problems associated with the project phase may be determined. The probable problems may be determined based on at least one of a technological area and business landscape of the project. The software project lifecycle may include an information technology (IT) application lifecycle and a project management lifecycle. Further, one or more recommendations may be provided to remedy the one or more probable problems to enhance an assurance indicator of the project phase. The assurance indicator represents a state of the project phase and business value realized by the project phase. The assurance indicator for the project phase may be determined based on the one or more recommendations implemented in the project phase.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/11/2014

(21) Application No.3708/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AIR FILTER CARTRIDGE AND AIR FILTER

(51) International classification	:B01D46/52, F24F13/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MARTIN WUEBBELING

(57) Abstract :
The invention relates to an air filter cartridge (16) for an air filter (10).The air filter cartridge (16) has a filter medium. The air filter cartridge (16) has an inlet surface and an outlet surface. Air can be filtered by the filter medium when passing between the inlet surface and the outlet surface in the direction of a passage axis(18) of the air filter cartridge (16). The air filter cartridge (16) further has a frame, which is connected to a tongue, i.e. a protrusion, to easily lever the air filter cartridge (16) into a receiving portion of a filter housing (22) of an air filter (10). The tongue has a free end that is displaced to the frame in a direction parallel to the passage axis (18). The invention further relates to an air filter (10) comprising an aforementioned air filter cartridge (16). The air filter (10) comprises a filter housing (22) with a mounting aid for the reception of the tongue of the air filter cartridge (16). With respect to the passage axis(18) of the air filter cartridge (16), the mounting aid is built in a distance to the receiving portion of the filter housing.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015
(21) Application No.2392/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETECTING ELECTROMAGNETIC ENERGY FOR ALARM OR LOG USING MOBILE PHONE DEVICES

(51) International classification :G01R29/08,G01R31/00
(31) Priority Document No :13/792146
(32) Priority Date :10/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018791
Filing Date :26/02/2014
(87) International Publication No :WO 2014/163907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TU Alex Kuang Hsuan

(57) Abstract :
A mobile phone is configured to employ existing antennae or other exiting input electronics to receive electromagnetic waves for detection of energy magnitudes. The mobile phone has wireless receiver electronics to receive through the antennae communication signals in a plurality of different communication bands that correspond to the plurality of different frequency ranges. Energy levels of electromagnetic waves received through the plurality of antennae are detected. A record is made of energy levels in the plurality of different frequency ranges. An alarm is provided upon a detected energy level crossing a predefined threshold value.

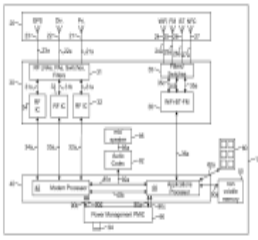

FIG. 2

No. of Pages : 47 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2393/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TPR MANAGEMENT FOR EPDCCH IN LTE

(51) International classification :H04L5/00
(31) Priority Document No :61/808592
(32) Priority Date :04/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021617
Filing Date :07/03/2014
(87) International Publication No :WO 2014/164271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)GAAL Peter
6)WEI Yongbin
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(57) Abstract :
For an enhanced physical downlink control channel (EPDCCH) unlimited traffic to pilot ratio (TPR) variations across resource elements of a physical resource block (PRB) pair is problematic because of the detrimental affect the variations will have on the ability of a user equipment (UE) to perform inter cell/intra cell interference suppression (IS) and/or interference cancellation (IC) on EPDCCH of an interfering cell. A TPR limitation is placed on EPDCCH to facilitate IS/IC without causing practical limitations on EPDCCH management by an eNB. Accordingly a method an apparatus and a computer program product for wireless communication are provided. The apparatus identifies a plurality of resource elements of at least one PRB pair for transmitting one or more control channels divides the plurality of identified resource elements into one or more groups and restricts a plurality of resource elements in a respective group to a TPR.

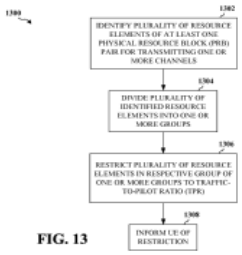

FIG. 13

No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3711/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PORTABLE MELTING POINT APPARATUS

(51) International classification	:C10C3/12, E04D15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DARADE; ADITYA RAMNATH

(57) Abstract :
The invention relates to an apparatus for determining the melting point of a substance having a heating source unit and heat sensor which produces and measures heat. It has at least one photoelectric sensor which emits the radiations in the direction of the surface of the substance and which receives the radiations reflected on the surface of the substance. The radiations are preferably ultrasound or infrared radiation. The present apparatus provides ease of operation, maintain and do not involve complicated mechanism with portability.

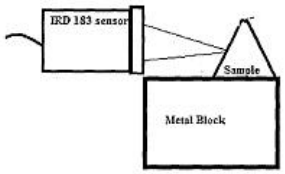

Figure 1

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3714/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD FOR PREPARATION OF ULTRA SMALL POLYMERIC NANOPARTICLES

(51) International classification :A61B5/055
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)Abhijeet B. Joshi
3)Maruthi Prasanna
4)Rashmi Dilip Chaudhari

(57) Abstract :
The present invention relates to a method of preparation of ultra-small polymeric nanoparticles as carriers for pharmaceutically active agents, the polymeric nanoparticles having size 100nm or less, preferably 50nm or less with high surface to volume ratio. The method does not employ excipients 10 like stabilizers, surfactants, emulsifiers, etc, thereby avoiding the steps of purification of nanoparticles.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3715/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR KIDNEY STONE CHARACTERIZATION AND TO DETERMINE TYPE THEREOF

(51) International classification :A61B5/05
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Present invention is directed to a system and method for texture characterization of object, preferably a renal calculi, from ultrasound images to determine the type thereof, wherein statistical and transform parameters of said image is calculated, differences in weighted sum of different parameters is minimized within specified threshold using linear programming and the type of renal calculi is determined.

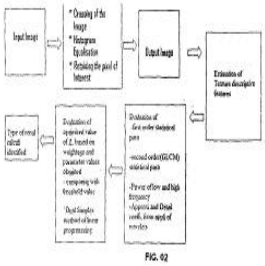

FIG. 02

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015
(21) Application No.2408/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENABLING THE USE OF GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) SIGNALS INDOORS

(51) International classification :G01S19/34,G01S19/48,G01S19/46
(31) Priority Document No :13/791358
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020461
Filing Date :05/03/2014
(87) International Publication No :WO 2014/138142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Disclosed are apparatuses and methods for enabling the use of global navigation satellite system (GNSS) signals indoors. The method may include determining a first indoor position of the mobile device based on indoor transceiver signals. The method may also include determining based at least in part on the determined first indoor position that global navigation satellite system (GNSS) positioning signals are available. The method may also include determining a second indoor position of the mobile device based at least in part on GNSS positioning signals.

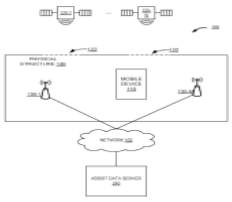

FIG. 1

No. of Pages : 64 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2409/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSCODING METHOD FOR MULTI WIRE SIGNALING THAT EMBEDS CLOCK INFORMATION IN TRANSITION OF SIGNAL STATE

(51) International classification	:H04L25/49,H04L25/493,H04L25/02
(31) Priority Document No	:61/774408
(32) Priority Date	:07/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/021979 :07/03/2014
(87) International Publication No	:WO 2014/138644
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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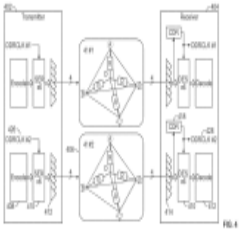
2)WILEY George Alan
3)LEE Chulkyu
4)CHEUNG Joseph

(57) Abstract :
A method for performing multi wire signaling encoding is provided in which a clock signal is encoded within symbol transitions. A sequence of data bits is converted into a plurality of m transition numbers. Each transition number is converted into a sequential symbol number from a set of sequential symbol numbers. The sequential symbol number is converted into a raw symbol that can be transmitted over a plurality of differential drivers. The raw symbol is transmitted spread over a plurality of n wires wherein the clock signal is effectively embedded in the transmission of raw symbols since the conversion from transition number into a sequential symbol number guarantees that no two consecutive raw symbols are the same. The raw symbol is guaranteed to have a non zero differential voltage across all pairs of the plurality of n wires.



No. of Pages : 60 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3722/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HERBAL COMPOSITIONS FOR AND MEDICAMENTS THEREOF FOR CURING OF ANESTRUS.

(51) International classification	: A61P11/00, A61K36/8945
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
ABSTRACT The present invention discloses a herbal composition for treatment of Anestrus; said composition comprising predefined amount of an extract of aerial part of Gomphrenacelosioides, an extract of seeds of Celosia argentea, an extract of leaves of Cassia auriculata, an extract of leaves of Ficusracemosus, and an extract of leaves of Tamarindusindica. It also discloses a herbal medicament for treatment of Anestrus; said medicament comprising predefined amount of compositions of the invention and preservatives namely methyl paraben and / or propyl paraben along with either suitable pharmaceutically acceptable excipient, vehicle and / or adjuvant suitable for oral administration by any other suitable route of administration. It also discloses the method for the preparation thereof.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3725/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NANOPARTICULATE COMPOSITION OF KETOPROFEN OR ITS SALTS

(51) International classification : A61P9/12, A61K31/505,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MR. SUNIL JAGANNATH AHER
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(57) Abstract :

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3726/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ASSIGNING SHORTCUT KEYS

(51) International classification	:G06F13/12, G06F3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DIVJI HARIKRISHNABHAI PATEL

(57) Abstract :
The present invention discloses method for assigning shortcut keys. This invention contains a USB (universal serial bus) drive. After attaching USB drive to computer it installs all the drivers and needed software. Then and then user can open this software. The user can open particular application or website or any internally and externally connected hardware with one keystroke. This software also has the facility of user defined interface. In which user can assign their own shortcut keys. And the whole task performing process runs in background, so no need of input box.

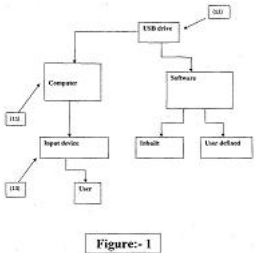

Figure:- 1

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2350/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUSES FOR UE ONLY DISCONTINUOUS TRANSMISSION (DTX) SMART BLANKING

(51) International classification	:H04W52/02,H04W76/04,H04W88/02
(31) Priority Document No	:61/804956
(32) Priority Date	:25/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/031022 :18/03/2014
(87) International Publication No	:WO 2014/160557
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)VENKATACHARI Harish
3)KIM Je Woo
4)CHIZGI Nate
5)MATIN Sharif Ahsanul
6)RAJAGOPALAN Srivatsan

(57) Abstract :
Aspects of the method and apparatuses relate to performing user equipment (UE) only discontinuous transmission (DTX) smart blanking. One aspect of the method and apparatuses includes maintaining a list of voice configurations that would trigger user equipment (UE) discontinuous transmission (DTX). Further the aspect includes receiving a current voice configuration for the UE from a network and determining whether the current voice configuration of the UE received from the network fails within the list of voice configurations that would trigger UB DTX. Further the aspect includes enabling uplink UE DTX at the UE when the current voice configuration of a UB falls within the list of voice configurations.

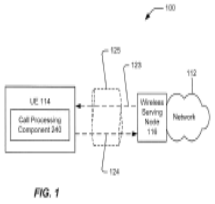

FIG. 1

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2351/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRESERVATIVE COMPOSITION AND SOLUTION

(51) International classification :A23L3/3463,A23B7/10,A23B7/154
(31) Priority Document No :2010127
(32) Priority Date :15/01/2013
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2014/050013
Filing Date :15/01/2014
(87) International Publication No :WO 2014/112868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :127 Laan op Zuid NL 3072 DB Rotterdam Netherlands
(72)**Name of Inventor :**
1)BIERWAS Roger
2)VROLIJK Julian Willem
3)SCHIRMER Jan Paul

(57) Abstract :
The present invention relates to a preservative composition comprising a source of ascorbate or erythorbate ions or a mixture thereof a source of calcium ions and one or more food grade sequestrants wherein the molar ratio of ascorbate or erythorbate ions or a mixture thereof to calcium ions is of from 0.5:1 to 1.4:1.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2352/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SILICON DEVICES / HEATSINKS STACK ASSEMBLY AND A METHOD TO PULL APART A FAULTY SILICON DEVICE IN SAID STACK ASSEMBLY

(51) International classification :H01L25/11,H01L23/34,H01L23/40
(31) Priority Document No :13/772296
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/053207
Filing Date :19/02/2014
(87) International Publication No :WO 2014/128151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)RAUBO Roman
2)FURYK Marek
3)SCHWARTZENBERG John

(57) Abstract :
The invention concerns a silicon devices/heatsinks stack assembly and a method to pull apart a faulty silicon device in said stack assembly. Said silicon devices/heatsinks stack assembly comprises an arrangement of many silicon devices disks (20) two adjacent silicon devices disks (20) being separated by a flat heatsink device (22) each silicon device disk (20) and each heatsink (22) comprising a centering hole on its both faces a centering pin placed between the adjacent centering holes of a silicon device disk and an adjacent heatsink device. Each heatsink device (22) is pierced with two guide holes (24) at two opposite ends of this one.

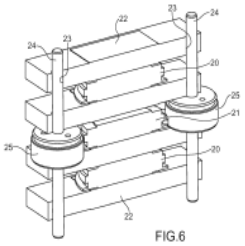

FIG.6

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2353/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VANE PUMP WITH MULTIPLE CONTROL CHAMBERS

(51) International classification :F04C14/22,F04C2/344
(31) Priority Document No :13/800227
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/059506
Filing Date :06/03/2014
(87) International Publication No :WO 2014/141013
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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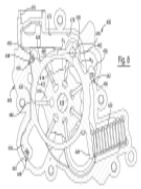
2)SHULVER David R.
3)TANASUCA Cezar

(57) Abstract :
A variable capacity vane pump includes a first control chamber between a pump casing and a first portion of a pump control ring. The first portion of the control ring circumferentially extends on either side of a pivot pin. A second control chamber is provided between the pump casing and a second portion of the pump control ring. The first and second control chambers are operable to receive pressurized fluid to create a force to move the pump control ring to reduce the volumetric capacity of the pump. A return spring biases the pump ring toward a position of maximum volumetric capacity.



No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3742/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : Petrol Pump Automation System

(51) International classification	:G07F17/42, G07F7/02, G07F13/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Prof. R.V.Patel
2)Prof. P.M.Desai
3)Aditya Parihar
4)Suraj Musale
5)Rakesh Sawant
6)Mayur Parmale

(57) Abstract :
ABSTRACT Present invention provides specially an automation system for petrol pump to avoid many kind of petrol pump accident due to the carelessness of the people. This concept makes use of PLC, sensors and frequency jammers to fulfill the operation and safeguard the petrol pump from various mishaps. To protect the petrol pump from miserable accidents our process will prove to be a boon to this problem. The basic idea behind this project is the use of PLC to control the traffic flow and also avoid the accident which may occur due to lack of responsibilities. The ideology behind this project is to use sensors and barrier arrangement which will sense the incoming and outgoing of the car. This can be applied and be useful for smooth and successful operation of petrol pump with reduced casualties. This can be adopted worldwide. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram of petrol pump automation system.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3743/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PLC based Load Sharing of Transformer

	:	(71)**Name of Applicant :**
(51) International classification	H02J13/00, H02J1/14	**1)Sandip foundations Sandip institute of engineering and management**
(31) Priority Document No	:NA	Address of Applicant :Sandip institute of Engineering &
(32) Priority Date	:NA	Management, Mahiravani, Trimbak road, Nashik, Maharashtra
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:PCT//	(72)**Name of Inventor :**
Filing Date	:01/01/1900	**1)Prof. Rajankumar R. Patel**
(87) International Publication No	: NA	**2)Prof. Piyush M. Desai**
(61) Patent of Addition to Application Number	:NA	**3)Patil Navin**
Filing Date	:NA	**4)Patil Pankaj**
(62) Divisional to Application Number	:NA	**5)Wadekar Manoj**
Filing Date	:NA	**6)Mahajan Sandip**

(57) Abstract :
ABSTRACT A Programmable Logic Controller, PLC or Programmable Controller is a digital computer used for automation of electromechanical processes, such as control of machinery on factory assembly lines, amusement rides, or light fixtures. PLCs are used in many industries and machines. Unlike general-purpose computers, the PLC is designed for multiple inputs and output arrangements, extended temperature ranges, immunity to electrical noise, and resistance to vibration and impact. For supplying a load in excess of the rating of an existing transformer, two or more transformers may be connected in parallel with the existing transformer. The transformers are connected in parallel when load on one of the transformers is more than its capacity. The reliability is increased with parallel operation than to have single larger unit. In this project we are designing a system which is capable of sharing loads among several installed sources. It means according to increased loads it automatically adds new sources of power and in case of decrement in loads sources will automatically cut out. Following invention is described in detail with the help of Figure 1 of sheet 1 showing PLC based load sharing system.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3744/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : Poultry Automation System using Microcontroller

(51) International classification	:C12M1/36, F24F3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)Prof. P. M. Desai
3)Ranbhor Makarand
4)Patil Amol R
5)Nawle Jyoti
6)Avhad Mangal

(57) Abstract :
ABSTRACT In Today™s World Application Drive Technology is becoming more advance in day to day & its make life easier. There are various technology available using controller, PID controller & it™s used in number of industries & process effective but some rural areas business are still unaware from these technology. Present invention provides specially designed and developed poultry automation system using microcontroller consists of concept of designing automation of poultry for the poultry farm. The system aim is to develop rural area standard as well as reduce their effort physically & economically along with increases productivity. It will reduce man power, increases productivity along with economical aspect. So the system provides required temperature when it required time only. So using this technology we can save electricity consumption & avoid chance of harm to HEN. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram for poultry automation using microcontroller.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3745/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : Synchronization of Alternator using PLC

(51) International classification	:H02P9/48, H02J7/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)Prof. R.V Patel
3)Pratik Thakare
4)Ankita Patil
5)SachinVarade
6)Avinash Baitade

(57) Abstract :
ABSTRACT The method of connecting two or more alternator in parallel to each other or one alternator to the infinite bus bar is known as synchronization. Presently the synchronization of alternator is done by checking and testing parallel operation condition .This include the checking of the bus bar voltage, alternator frequency, polarity of incoming and running alternator, phase sequence in which voltmeter, lamp connection method, synchroscope are used manually. This process is time consuming and not that much reliable. The project idea-Hence by taking all above conditions in considerations the present invention are trying to carry out procedure by using PLC which combines the various sensor, timers and counters to make the process automated and this increase the speed of process and reliability. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the model of synchronization of alternator using PLC.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2381/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPUTING SYSTEM WITH CONTENT ACCESS MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :G06F3/048,G06F3/01,G06F3/14
(31) Priority Document No :61/757664
(32) Priority Date :28/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000827
Filing Date :28/01/2014
(87) International Publication No:WO 2014/116091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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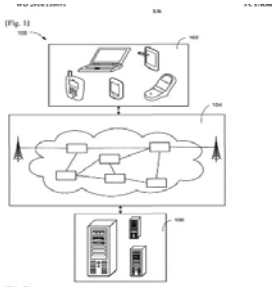
2)WU Yun Z.
3)BAR NAHUM Guy
4)BLOOM Joshua Adam

(57) Abstract :
A computing system includes: a control unit configured to determine an entry type based on detecting an activation spot determine an interface characteristic based on the entry type provide a device content based on the interface characteristic and a communication interface coupled to the control unit configured to communicate the device content for presenting on a device.



No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2383/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INFORMATION TRANSMISSION METHOD AND DEVICE THEREOF

(51) International classification :H04W4/14
(31) Priority Document No :201310042690.2
(32) Priority Date :04/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/071795
Filing Date :29/01/2014
(87) International Publication No :WO/2014/117745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)CHIU Hsin Hsiung
3)WANG Gang

(57) Abstract :
Provided are an information transmission method and device thereof the information transmission method comprising: determining the writing form of information according to a first judgment condition; determining the transmission path of the information according to a second judgment condition; and transmitting the information via the transmission path. The information transmission method and device of the present invention can select an optimum transmission path to transmit information thus facilitating use by a user saving the phone bill for the user.

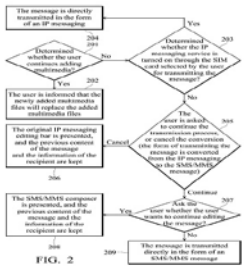

FIG. 2

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3752/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LEVOMILNACIPRAN

(51) International classification	:C07C235/40, C07C237/24,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Chaniyara, Ravi
2)Rafeeq, Mohammad
3)Merwade, Arvind Yekanathsa
4)Deo,Keshav

(57) Abstract :
The present invention relates to an improved process for the preparation Levomilnacipran intermediate. The present invention specifically directs to novel Levomilnacipran intermediates, which leads to industrially feasible improved process for the preparation of Levomilnacipran hydrochloride with the better purity and yield.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3753/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF ISAVUCONAZONIUM SULPHATE

	:
(51) International classification	A61K9/10, A61K9/16,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(72)**Name of Inventor :**
1)Khunt, Rupesh Chhaganbhai
2)Rafeeq, Mohammad
3)Merwade, Arvind Yekanathsa
4)Deo,Keshav

(57) Abstract :
The present invention relates to process for the preparation of Isavuconazonium sulphate by using novel intermediate, e.g. oxalate salt of 2-(2,5-difluoro-phenyl)-1-[1,2,4]triazol-1-yl-butane-2,3-diol. In particular, of the present invention directs to crystalline solid form of oxalate salt of 2-(2,5-difluoro-phenyl)-1-[1,2,4]triazol-1-yl-butane-2,3-diol, having purity more than 55 %, when measured by HPLC and its conversion into Isavuconazonium sulphate.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3754/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF MASTITIS

(51) International classification	:A61P29/00, A61K36/42, A61P31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DEVGANIA, Becharbhai Samantbhai

(57) Abstract :
The present invention relates to herbal compositions comprising therapeutically effective amounts of extracts of Clerodendrum phlomidis, Azadirachta indica, Vitex negundo, Tephrosia purpurea and Achyranthes aspera for use in treatment or prevention of mastitis in animals in need thereof. The present invention further relates to a process of preparation and various forms of administration of said compositions thereof.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3755/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A REDISPERSIBLE POLYMER POWDER FOR A SKIM COAT

(51) International classification	:C04B16/02, C04B24/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KOKATE, SANTOSH PANDURANG
3)THAKAR, MAHESH RAMCHANDRA
4)ANANTHAKRISHNAN, SUBRAVETI KESARI
5)TRIPATHI, SANDEEP M.

(57) Abstract :
ABSTRACT A REDISPERSIBLE POLYMER POWDER FOR A SKIM COAT The disclosure relates to a redispersible polymer powder for a skim coat and a process for preparation thereof. The redispersible polymer powder comprises of a core-shell polymer, with the core composed of a co-polymer of vinyl acetate and n-butyl acrylate having a glass transition temperature in a range of 0ï,°C to 30ï,°C, and the shell covalently attached to the core, the shell composed of polyacrylamide at a concentration in a range of 2-15% of the weight of the core, the shell having a glass transition temperature in a range of 20 to 50ï,°C. A skim coat composition comprising said redispersible polymer powder is also disclosed.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3736/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MECHANICAL STARTING DEVICE FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:F02N11/08, F02N15/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)RAJAN J. BHATT

(57) Abstract :
A mechanical Starting Device for Internal Combustion engines comprising of a spiral spring that unwinds during start up operation and rotates a spring shaft, which in turn rotates the output shaft to higher RPM via the gear train, an idler gear system for automatic rewinding of the spiral spring and a brake assembly to prevent unwinding of spiral spring during non use, with an added manual rewinding device.

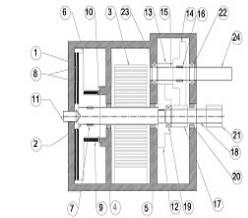

Figure 1. Schematic Drawing of Internal Construction of Mechanical Starting Device for Internal Combustion Engines

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3737/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HERBAL FORMULATION FOR THE TREATMENT OF BLOAT

(51) International classification	:A61P1/14, A61K36/482
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Somabhai Dhulabhai Vankar

(57) Abstract :
A herbal formulation for the treatment of bloat comprising the leaf/bark/stem/fruit/seed of the plants Cayratia carnosa, Azadirachta indica, Tamarindus indica, Ficus benghalensis, and Caesalpinea crista. In an embodiment, the herbal formulation comprises an extract obtained from the leaf/bark/stem/fruit/seed of the plants Cayratia carnosa, Azadirachta indica, Tamarindus indica, Ficus benghalensis, Caesalpinea crista and one or more pharmaceutically acceptable additives.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3738/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HERBAL FORMULATION FOR THE TREATMENT OF BLOAT

(51) International classification	:A61P1/14, A61K36/482
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Nathubhai Govindbhai Chamar
Address of Applicant :136, Harijanwas, Cocapur, Kokapur 383 315 Taluk Modasa, District Sabarkantha, Gujarat Gujarat India
(72)**Name of Inventor :**
1)Nathubhai Govindbhai Chamar

(57) Abstract :
The present invention relates to a herbal formulation for the treatment of bloat comprising the leaf/bark/stem/fruit/seed of the plants Gymnosporia spinosa, Cassia fistula, Mangifera indica, Coccinia grandis, and Abutilon indicum. In an embodiment, the herbal formulation comprises an extract obtained from the leaf/bark/stem/fruit/seed of the plants Gymnosporia spinosa, Cassia fistula, Mangifera indica, Coccinia grandis, Abutilon indicum and one or more pharmaceutically acceptable additives.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3739/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STABLE OIL SUSPENSIONS WITH ENHANCED BIOAVAILABILITY AND COMPOSITIONS THEREOF

(51) International classification	: A61K9/107, A61K9/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DR. JAYANT DESHPANDE
2)LAXMAN KATE
3)PRAKASH BHANUSE

(57) Abstract :
Present invention relates to stable oil suspension with enhanced bioavailability containing lipophilic nutrients uniformly dispersed in a solid hydrophilic carrier and suspended in an oil medium. The invention also relates to process for preparation of stable oil suspensions of lipophilic nutrients and compositions of these suspensions such as soft gelatin capsules. The oil suspensions are comprised of soluble granules of lipophilic nutrients suspended in oil. Soluble granules are comprised of lipophilic nutrients dispersed uniformly in a solid hydrophilic carrier. Stable oil suspensions of the invention are comprised of at least 1% to about 50% lipophilic nutrients. These oil suspensions are resistant to oxidation and exhibit enhanced stability and bioavailability as compared to soluble granules as well as marketed comparator product. Oil suspensions of the invention can be encapsulated in soft gel capsules or filled in sachets to administer conveniently to the patients.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3740/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : Access Control of Door and Home Security by Raspberry Pi through Internet

(51) International classification :G08B25/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)JADHAV UMESH ASHOK
3)JADHAV DEEPAK KIRAN
4)POOJA NIGAL
5)BARHATE SUMUKH VIJAY

(57) Abstract :
ABSTRACT Present invention aims to achieve security by accessing door remotely using internet. Through this project the user can see visitor at his doorsteps from anywhere in the world. By sensing the human presence at the door using PIR sensor, visitor™s image will be captured using camera and will be stored in the system as evidence. The image of visitor is processed and compared to the database, according to that action will be taken by administrator. The image captured is send to the administrator from Raspberry pi through Email. Now the user can control the door with a single command through the internet. If administrator wants the visitor to access the door, he sends the command to open the door or else send a message on LCD screen in front of the door to inform him that no one is at home. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram and Figure 2 of sheet 2 showing the sequence diagram of the invention.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015
(21) Application No.2347/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS OF DECODING LOW RATE VISIBLE LIGHT COMMUNICATION SIGNALS

(51) International classification :H04B10/116,H04B10/114
(31) Priority Document No :13/802733
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021054
Filing Date :06/03/2014
(87) International Publication No :WO/2014/158949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOVICIC Aleksandar
2)RICHARDSON Thomas Joseph
3)KLIMEK Ivan

(57) Abstract :
Methods and apparatus related to the detection of low rate visible light communication (VLC) signals and the recovery of information communicated by the VLC signals are described. Various methods and apparatus are well suited for embodiments in which a device e.g. a smartphone including a camera which uses a rolling shutter. The rolling shutter facilitates the collection of different time snapshots of a received low rate time varying VLC signal with different pixel rows in the image sensor of a frame corresponding to different time snapshots. In some embodiments demodulation is used to recover and identify a single tone being communicated in a frame from among a plurality of possible alternative tones that may be communicated each different tone corresponding to a different set of information bits.

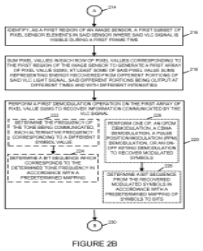

FIGURE 2B

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015
(21) Application No.2447/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STATIONARY LEAD BATTERY PERFORMANCE IMPROVEMENT METHOD

(51) International classification :H01M10/42,H01M2/36
(31) Priority Document No :2013049533
(32) Priority Date :12/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/056414
Filing Date :12/03/2014
(87) International Publication No :WO 2014/142145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)K TEC ENGINEERING INC.
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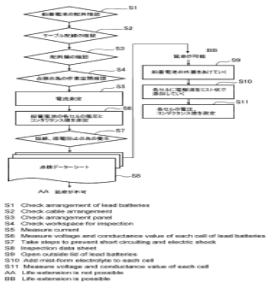
(72)**Name of Inventor :**
1)ITO KIICHI

(57) Abstract :
[Problem] The purpose of the present invention is to improve the performance of each lead battery and simultaneously to establish overall balance by inspecting the degradation state of each lead battery and performing the most suitable treatment while maintaining a state in which lead batteries are energized. [Solution] This performance improvement method is for stationary lead batteries configuring a battery assembly which connects the terminals of the multiple lead batteries by means of a conducting plate and involves a step for performing checks for inspection operations of the lead batteries a step for measuring the internal electrical conductivity of each lead battery with the lead batteries still being in a normal use state and a step for adding an electrolyte and purified water according to the state of each of the lead battery.



No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015

(21) Application No.2449/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEADING VELOCITY AND POSITION ESTIMATION WITH VEHICLE SENSORS MOBILE DEVICE AND GNSS INPUTS

(51) International classification :G01S19/49,G01S5/02,G01S19/40
(31) Priority Document No :61/804490
(32) Priority Date :22/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/031427
Filing Date :21/03/2014
(87) International Publication No :WO 2014/153501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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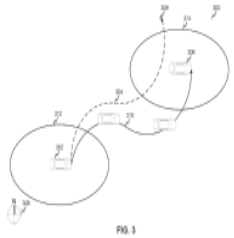
2)WERNER Benjamin A.
3)RUUSKA Vesa Veikko
4)MORRISON William James

(57) Abstract :
The disclosure generally relates to determining position of a motorized vehicle using wireless techniques. Methods apparatus and systems are disclosed. A method can include: receiving absolute positioning data; receiving from a mobile device at least one of gyroscope data and odometry data; receiving from a vehicle at least one of gyroscope data and odometry data; initializing at least a heading to determine a relative path wherein the relative path is based at least in part on the received data from the mobile device and the vehicle wherein the received data comprises gyroscope data and odometry data; and shifting the relative path to an estimated path wherein the estimated path is based at least in part on the absolute positioning data.



No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.778/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSPORTABLE DEVICE FOR HEATING FOODSTUFFS AND A TRANSPORTABLE HEATING ELEMENT

(51) International classification :A47J36/28,A45D34/04,B65D81/00
(31) Priority Document No :12185093.7
(32) Priority Date :19/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/069019
Filing Date :13/09/2013
(87) International Publication No :WO 2014/044609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Ostring 136 67069 Ludwigshafen Germany
(72)**Name of Inventor :**
1)ARNOLD Uwe

(57) Abstract :
The invention relates to a transportable device for heating foodstuffs comprising a container (1) for receiving the foodstuff (8) as well as a closed off heating chamber (2) which adjoins said container (1) and is thermally coupled thereto while simultaneously being hermetically separated therefrom by means of a shared thermally conductive wall (4). The heating chamber (2) comprises a first chamber (5) and a second chamber (6) that are separated by a water vapour permeable wall (7). In the first chamber (5) is a substance or a substance mixture (9) which when a liquid preferably water is supplied generates heat in an exothermic chemical reaction with water vapour being formed. In the second chamber (6) a zeolite (10) is located which can adsorb the water entering from the first chamber (5) by means of said water vapour permeable wall (7) generating heat. A transportable heating element which can be used in said device contains a hermetically sealed heating chamber (2) that adjoins a thermally dissipating outer wall (4).

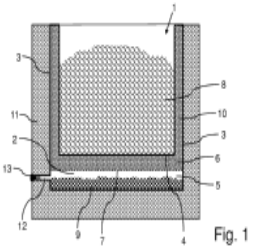

Fig. 1

No. of Pages : 26 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3727/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : UV LED CURING HEAT SINK DESIGN

(51) International classification :B41J11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PRATIK M. LOTIA
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(57) Abstract :

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3728/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MEASUREMENT OF BIZZARE SHAPED OBJECT VOLUME.

(51) International classification :G01B11/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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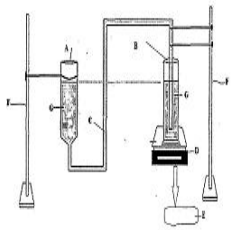
2)MENON; SASIKUMARNARAYAN

(57) Abstract :
The present invention relates to a method and apparatus for measurement of volume of bizzare shaped living or non-living object.The apparatus disclosed in the present invention has been designed on the basis of plethysmographic method and hydrostatic pressure of fluid.Upon immersion of object in one column; equal volume of fluid displaced in another column applies a force F, shows specific and proportional increment in the level of fluid in both the columns which could then be detected by weighing balance, as Force = Weight of displaced fluid, using the specific gravity of the fluid, the volume of object is determined using proposed formulae. The improved apparatus facilitated the precise and accurate measurement of volume of object. Proposed formulae expand the scope of method proposed here and method brings different sets of conditions (change in displacement fluid, change in dimensions of parts of apparatus) under its scope and claims.



No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3729/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF APIXABAN

(51) International classification :C07D471/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DIWAKAR, Santosh Devidas
4)NARODE, Sunil Dnyaneshwar
5)SUTHAR, Hiteshkumar Natwarlal

(57) Abstract :
The present invention relates to a process for the preparation of crystalline Form N-1 of apixaban substantially free from one or more of: 1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid; 7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-1-phenyl-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c] pyridine-3-carboxamide; or methyl 1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate, relative to apixaban by area percentage of HPLC and having a mean particle size equal to or greater than 100 µm.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.781/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER TERMINAL DEVICE AND DISPLAY METHOD THEREOF

(51) International classification :H04B1/40,G06F3/14,G06F3/048
(31) Priority Document No :1020120104742
(32) Priority Date :20/09/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008464
Filing Date :17/09/2013
(87) International Publication No :WO 2014/046493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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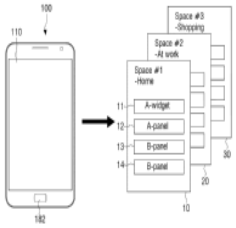
2)KANG, Naam-wook
3)KIM Young-sun
4)RYU Jong-hyun
5)CHOI Seung-eok

(57) Abstract :
A user terminal device including a screen processor which creates home screen divided into a plurality of spaces provided with different features from each other a storage which stores data and programs that can be matched with at least one space a display which displays one space from among the plurality of spaces and a controller which controls the display to convert the space displayed on the display to another space according to a user s manipulation is provided. The controller controls the screen processor to constitute the plurality of spaces by using data and programs matched with the plurality of spaces respectively.



No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.782/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILL LEVEL MONITORING SYSTEM AND FLOW METER

(51) International classification :G01F1/58
(31) Priority Document No :102012109308.3
(32) Priority Date :01/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/069438
Filing Date :19/09/2013
(87) International Publication No :WO 2014/053324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)WOHLGEMUTH Werner
3)BAEHR Guenther

(57) Abstract :
The invention relates to a fill level monitoring system with at least one electrode (4 24 41 51) for monitoring the fill level of a flowing medium in a pipe wherein the electrode (4 24 41 51) has an integrated temperature sensor (5 25). The fill level monitoring system has an evaluation unit which is designed to monitor the fill level in the pipe and transmits a warning signal when the fill level falls below a limit value preferably a fill level of less than 80% of the pipe diameter. The invention further relates to a flow meter with this fill level monitoring system.

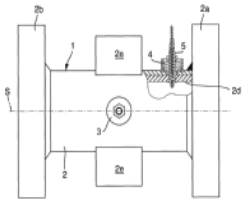

Fig. 1

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015
(21) Application No.2395/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEPTH CODING MODES SIGNALING OF DEPTH DATA FOR 3D HEVC

(51) International classification	:H04N19/70,H04N19/597,H04N19/593
(31) Priority Document No	:61/805901
(32) Priority Date	:27/03/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2014/032050 :27/03/2014
(87) International Publication No	:WO 2014/160880
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ZHANG Li
2)CHEN Ying
3)ZHAO Xin

(57) Abstract :
Techniques are described for encoding and decoding depth data for three dimensional (3D) video data represented in a multiview plus depth format using depth coding modes that are different than high efficiency video coding (HEVC) coding modes. Examples of additional depth intra coding modes available in a 3D HEVC process include at least two of a Depth Modeling Mode (DMM) a Simplified Depth Coding (SDC) mode and a Chain Coding Mode (CCM). In addition an example of an additional depth inter coding mode includes an Inter SDC mode. In one example the techniques include signaling depth intra coding modes used to code depth data for 3D video data in a depth modeling table that is separate from the HEVC syntax. In another example the techniques of this disclosure include unifying signaling of residual information of depth data for 3D video data across two or more of the depth coding modes.

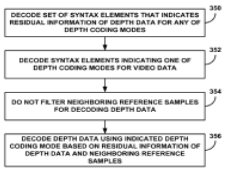

FIG. 13

No. of Pages : 132 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015
(21) Application No.2396/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEQUENCER SYSTEM AND ADDRESS SETTING METHOD

(51) International classification :G05B19/05
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/059616
Filing Date :29/03/2013
(87) International Publication No :WO 2014/155701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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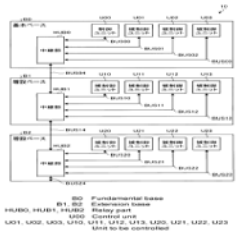
(72)**Name of Inventor :**
1)UCHIKOSHI Masahiro
2)SHINKAI Koichi

(57) Abstract :
A sequencer system (10) comprises a plurality of bases (B). The bases (B) further comprise a fundamental base (B0) whereupon a control unit (U00) is mounted and a plurality of extension bases (B1 2). The fundamental base (B0) and the plurality of extension bases (B1 2) are serially connected by a bus using a composite signal line (BUS) with the fundamental base (B0) being one end. By performing transmission between the bases (B) in a relay scheme communication with bases (B) other than adjacent bases (B) becomes possible. The control unit (U00) is capable of transmitting to the bases (B) a HOP designation packet which designates a number of HOPs. When a HOP designation packet with a number of HOPS other than zero is received the base (B) decrements the number of HOPs by 1 and transfers the HOP designation packet to the next base (B) connected in series. If a HOP designation packet with zero HOPs is received the base (B) determines that the HOP designation packet is addressed to itself.



No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2397/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF COMB POLYMERS FOR CONTROLLING THE RHEOLOGY OF MINERAL BINDER COMPOSITIONS

(51) International classification :C04B16/04,C08G81/02,C09K8/00
(31) Priority Document No :13164078.1
(32) Priority Date :17/04/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/056943
Filing Date :07/04/2014
(87) International Publication No :WO 2014/170159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIKA TECHNOLOGY AG
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(72)**Name of Inventor :**
1)FRUNZ Lukas
2)LORCET Loic
3)ZIMMERMANN Jrg
4)PETRIOL Pierre
5)GUEVILLE Julien
6)DE CARVALHO Walter

(57) Abstract :
A comb polymer is used for increasing the flow rate and/or reducing the viscosity of a mineral binder composition where the comb polymer has a main chain comprising acid groups and there are pendent chains linked to the main chain and where the average number average molar mass of all of the pendent chains is from 120 to 1000 g/mol and the molar ratio of the acid groups to the side chains is in the range from 0.5 to 2.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.786/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS TO OPTIMIZE AND STREAMLINE AP PLACEMENT ON FLOOR PLAN

(51) International classification :G01S5/02
(31) Priority Document No :61/721435
(32) Priority Date :01/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064143
Filing Date :09/10/2013
(87) International Publication No :WO 2014/070398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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1)SHARMA Abhinav
2)PATEL Sunil
3)VEMPATHY,Murthy s.
4)DAS Saumitra Mohan
5)MEHATA chandrakant
6)DESAI Rupali T.

(57) Abstract :
Embodiments may automatically place access points (APs) on floor plans by incorporating a number of conventions for identifying types and locations of APs. These conventions may include the name of APs MAC addresses lat/lon information and feature analysis or image recognition techniques for matching visual cues if the AP locations are marked on images. Some embodiment may conduct several other operations to optimize placement of APs. These optimization operations may reduce the number of steps needed to place APs on floor plans and/or may reduce extraneous and superfluous information from the floor plans that may clutter the annotated floor plan map.

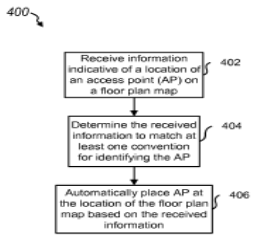


FIG. 4A

No. of Pages : 35 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2015

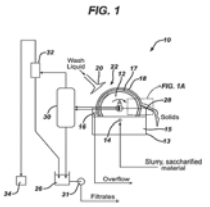
(21) Application No.2274/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILTRATION

(51) International classification :C12P19/02
(31) Priority Document No :61/774684
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021584
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLECO INC.
Address of Applicant :271 Salem Street Unit L Woburn Massachusetts 01801 U.S.A.
(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas Craig
3)RODITI Solomon I.
4)CAHILL John M.
5)LAVIGNE Randy

(57) Abstract :
Biomass feedstocks (e.g. plant biomass animal biomass and municipal waste biomass) are processed to produce useful products such as fuels. For example systems are described that can be useful for separating solids from liquids of saccharified biomass material slurries. Many potential lignocelluloslc feedstocks are available today including agricultural residues woody biomass municipal waste oilseeds/cakes and seaweed to name a few.



No. of Pages : 91 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015

(21) Application No.2371/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED MACHINE FOR RESHARPENING AND REPLACING ELECTRODE CAP

(51) International classification :B23P19/04,B24B19/00,B23K11/36
(31) Priority Document No :201410098341.7
(32) Priority Date :14/03/2014
(33) Name of priority country :China
(86) International Application No :PCT/CN2015/072394
Filing Date :06/02/2015
(87) International Publication No :WO 2015/135405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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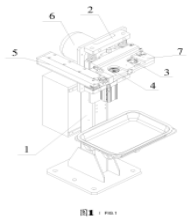
2)ZHANG Ting
3)ZHENG Lianjun
4)CAO Xingda
5)SUN Zhicheng
6)YANG Yongfeng
7)CHENG Zhihao
8)CHEN Zhencheng
9)HE Yi

(57) Abstract :
An integrated machine for resharpening and replacing an electrode cap comprises a machine frame (1) a drive motor (6) mounted on the machine frame (1) and a balance floating unit (2). An output end of the driver motor (6) penetrates through the balance floating unit (2) and then is connected with a workbench (7). A cap detaching unit (3) and a cap resharpening unit (4) are arranged on two sides of the workbench (7) and electrode cap storing units (5) are mounted on both outermost ends of the two sides of the workbench (7). The resharpening and replacement of an electrode cap are completed on one device and the drive motor is used as a power source so that a control system is simple an output speed is stable and problems that an automobile production line is stopped to manually replace the electrode cap and a large area is occupied by two machines that separately perform cap resharpening and replacement thereby improving the production capacity of an automobile welding production line. The machine is applicable to a highly automated automobile welding production line.



No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

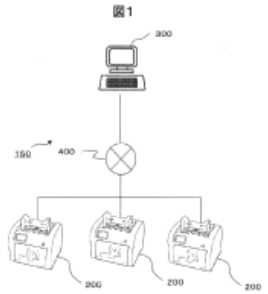
(21) Application No.791/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHEET PROCESSING DEVICE SHEET SORTING DEVICE AND SHEET SORTING SYSTEM

(51) International classification :G07D3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/077387
Filing Date :24/10/2012
(87) International Publication No :WO 2014/064775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI OMRON TERMINAL SOLUTIONSCORPORATION
Address of Applicant :6 3 Osaki 1 chome Shinagawa ku Tokyo 1418576 Japan Japan
(72)**Name of Inventor :**
1)FUJISAWA, Toshio
2)FUNAI, Katsuyoshi
3)HAMASAKI, Toshiya

(57) Abstract :
The purpose of the present invention is to provide a system which performs high level identification processing without having to improve hardware performance. In order to achieve the aforementioned purpose this sheet sorting device is characterized by being provided with: a sheet identification information acquiring means for acquiring the sheet identification information for identification processing of sheets; an information transferring means for transferring the sheet identification information acquired by the sheet identification information acquisition means to an external calculation device; a characteristic feature value recognizing means for recognizing characteristic feature value information which is information about the sheet different from the sheet identification information; at least one storing means for internally storing the sheets; and a distributing means for distributing the sheets in accordance with the characteristic feature value information recognized in the characteristic feature value recognition means.



No. of Pages : 84 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.792/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER ADMISSION FOR CO EXISTENCE WIRELESS SYSTEMS

(51) International classification :H04W36/22,H04W48/18,H04W48/06
(31) Priority Document No :61/716999
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066201
Filing Date :22/10/2013
(87) International Publication No :WO 2014/066401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RADULESCU Andrei Dragos
3)TINAKORANSRISUP HAP Peerapol
4)SUNDARARAJAN Jay Kumar
5)MEYLAN Arnaud
6)YAVUZ Mehmet

(57) Abstract :
Techniques for admitting user equipments (UEs) to wireless systems are disclosed. UEs may be assigned priorities for admission to a given wireless system. The UEs may then be admitted to the wireless system based on the priorities of the UEs for the wireless system. In one design a UE may be identified for admission to a first wireless system among a plurality of wireless systems. Attributes (e.g. capabilities) of the UE for the plurality of wireless systems may be determined. An admission priority of the UE for the first wireless system may be determined based on the attributes of the UE for the plurality of wireless systems. Whether to admit the UE to the first wireless system may be determined based on the admission priority of the UE for the first wireless system and possibly the current resource usage of the first wireless system.

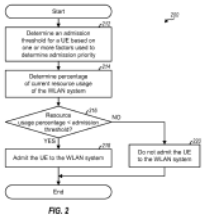

FIG. 2

No. of Pages : 38 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2015
(21) Application No.2380/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PPAR AGONISTS FOR TREATMENT OF MULTIPLE SCLEROSIS

(51) International classification :A61K31/47,A61P25/00
(31) Priority Document No :61/758641
(32) Priority Date :30/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/012656
Filing Date :23/01/2014
(87) International Publication No :WO/2014/120538
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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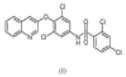
(72)**Name of Inventor :**
1)WEINSTEIN David

(57) Abstract :
Methods of treatment of multiple sclerosis (MS) with PPAR agonists and in particular with the compound of formula (I) known as INT131.



(I)

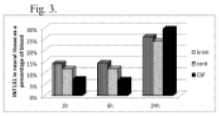


Fig. 3.

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3730/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIPLE POINT COOLING SYSTEM WITH SECONDARY LOOP AIR-CONDITIONING

(51) International classification :F24F3/153
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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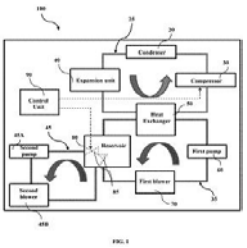
(72)**Name of Inventor :**
1)Kiran Manohar
2)Prasanna Nagarhalli
3)Sangeet Hari Kapoor

(57) Abstract :
The present disclosure relates to a multi-point cooling system (100) for a vehicle, comprising a heat exchanger (50), a compressor (30), a condenser (20), and an expansion unit (40) to perform refrigeration cycle. A primary cooling loop (35) allows flow of a cooling solution, and comprises reservoir (80) to store cooling solution. The cooling solution is circulated by first pump (60) and exchanges heat with the refrigerant through the heat exchanger (50). A first blower (70) is provisioned in the primary loop (35) which delivers conditioned air to first portion of vehicle cabin. At least one secondary cooling loop (45) in communication with the reservoir (80) is configured to cool a second portion of cabin. At least one control valve (85) is provisioned in reservoir outlet to control flow of cooling solution to cooling loops. A control unit (90) is interfaced with the compressor (30) and the control valve (85). FIG. 1



No. of Pages : 26 No. of Claims : 13

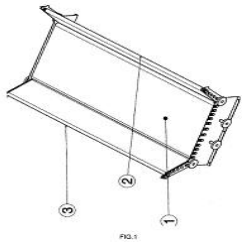
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3735/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SEMI AUTOMATIC TRANSFER BED

(51) International classification	: A61G7/00	(71)**Name of Applicant :** **1)RSG INSTITUTE OF RESEARCH & DEVELOPMENT PVT. LTD.** Address of Applicant :OFFICE NO.3 & 4, SANGAM PROJECT I, 46 DR. AMBEDKAR ROAD, PUNE-411001, MAHARASHTRA, INDIA. Chandigarh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)KALYANA SUNDARAM**
(61) Patent of Addition to Application Number	:NA	**2)HIREMATH GOURISH SHIVKUMAR**
Filing Date	:NA	**3)KALE ROHIT TANAJI**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention provides a Semi automatic transfer table useful for transferring patients and mortuaries comprising a central roller assembly mounted on a motorized / manual height adjustable hospital bed with castor wheels, a right hand roller assembly fitted at the right side of the centre roller assembly, and an optional left hand roller assembly which is the mirror image assembly of right hand assembly. The centre assembly as well as side assemblies comprises plurality of roller fitted along the length and embodied in rubber or conventional material and connected to conveyer belts which are operated handles. The table eases the efforts of transfer of patients using these handles.



No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.796/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS OF FORMING A METALLIC OR CERAMIC ARTICLE HAVING A NOVEL COMPOSITION OF FUNCTIONALLY GRADED MATERIAL AND ARTICLES CONTAINING THE SAME

(51) International classification :B22F1/02,B22F3/02,B22F7/06
(31) Priority Document No :61/706693
(32) Priority Date :27/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062179
Filing Date :27/09/2013
(87) International Publication No :WO 2014/052754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :509 Hahntown Wendel Road North Huntingdon Pennsylvania 15642 U.S.A. U.S.A.
(72)**Name of Inventor :**
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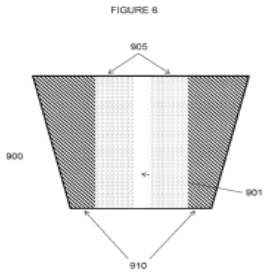
2)TOTH Richard E.

(57) Abstract :
There is disclosed a method of making a metallic or ceramic component such as a cutting or forming tool from at least two distinct powder precursors. In one embodiment the method comprising forming a first mixture comprised of a plurality of coated particles such as Tough Coated Hard Powder (TCHP) composite particles created by encapsulating extremely hard core particles with very tough binder and structural materials and at least one support powder such as a carbide typically WC Co. The mixture is formed into a green body and sintered to form a functionally graded or multicomponent article. Non limiting examples of the articles made from the disclosed methods are also disclosed and include drills mills cutting tools forming tools wires dies and mechanical components.



No. of Pages : 48 No. of Claims : 23

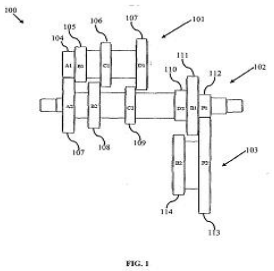
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3756/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI-GEAR TRANSMISSION FOR LATHE

	:	(71)**Name of Applicant :**
(51) International classification	B23Q5/12, B23Q5/10	**1)SEVEN TRANSMISSION** Address of Applicant :6, MANINAGAR, MAVDI PLOT, ABOVE ALECON GEARS, RAJKOT - 360004 Gujarat India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)DHAVAL RANCHHODBHAI KABARIA**
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A gear transmission system with variable speed output comprising a primary gear, a secondary gear and a tertiary gear. The primary gear is also known as an input sleeve and comprises at-least four gears tooth. The at-least four gear tooth are designated a first gear tooth, a second gear tooth, a third gear tooth and a fourth gear tooth. The secondary is also known as a counter-shaft and comprises at-least six gear tooth. The at-least six gear tooth are designated as a fifth gear tooth, a sixth gear tooth a seventh gear tooth, an eighth gear tooth, a ninth gear tooth and a tenth gear tooth. The tertiary gear is also known as a hi-low sleeve and the tertiary gear comprises at-least two gear tooth. The at-least two gear tooth compri ses an eleventh gear tooth and a twelfth gear tooth.



No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3757/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL AND EFFICIENT METHOD FOR LARGE SCALE SYNTHESIS OF ROMIDEPSIN

(51) International classification	:C02F 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ALAPARTHI LAKSHMI PRASAD
2)VASANTHAKUMAR GANGA RAMU
3)CHOWDARY TALLURI BHUSHAIAH
4)MANTRI ANAND VIJAYKUMAR
5)GAURAV KULKARNI

(57) Abstract :
The present invention relates to intermediate compounds which are used as key intermediates in the synthesis of Romidepsin and process of preparation of these intermediates. The present invention also provides processes for synthesis of Romidepsin in high purity and good yields from said intermediate compounds.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3759/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI REFLUX RAFT FORMING CHEWABLE TABLET OF DEXLANSOPRAZOLE

(51) International classification	:A61K 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHOTHANI PRITI B.
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(72)**Name of Inventor :**
1)CHOTHANI PRITI B.

(57) Abstract :
The purpose of the present invention is to formulate anti reflux raft forming chewable tablet of Dexlansoprazole ,comprises a raft forming agent along with alkalizing agent. Synthetic polymer used as raft forming agent which gives sustained release of active ingredient.Megaldrate is used as alkalising agent which has better neutralization capacity and prevent acid degradation of Dexlansoprazole.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3760/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR DETECTING FREE WATER IN HYDROCARBONS

(51) International classification :G01N1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Bharat Petroleum Corporation Limited
Address of Applicant :Bharat Bhawan, 4 & 6 Currimbhoy Road, Ballard Estate, Mumbai-400001, India. Maharashtra India
(72)**Name of Inventor :**
1)GUPTA, Shalini
2)TYAGI, Sudha

(57) Abstract :
The present invention provides a new and improved composition useful for detecting the presence of trace amounts of free water in aviation turbine and other hydrocarbon fuels. The composition of the present invention comprises a homogeneous mixture of an indicator dye, pH stabilizer and an anhydrous base material which can be packaged in a capsule and is capable of changing color in the pH range of 7 - 11. The composition can react with very low concentration of water admixed with hydrocarbon fuels and produce a sharp and distinct color change thereby enabling detection of free water in hydrocarbon fuels at very low concentrations.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.800/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PERIODICALLY ASSIGNING LOCATION AREA CODES

(51) International classification	:H04W48/02,H04W60/00,H04W84/10
(31) Priority Document No	:1218900.7
(32) Priority Date	:22/10/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2013/070737 :04/10/2013
(87) International Publication No	:WO 2014/063913
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IP.ACCESS LIMITED
Address of Applicant :Building 2020 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DW U.K. U.K.
(72)**Name of Inventor :**
1)BROCK David

(57) Abstract :
A method and apparatus for periodically assigning new unique Location Area Codes to each cell comprising a femto cell network (100 111) permits a user equipment to perform a re registration attempt with the same cell after a short period of time has elapsed in cases where an initial attempt to register was rejected. The invention is particularly useful for location presence services as a location presence signal may be generated every time a User Equipment (113) attempts to register on a cell (100) whether or not the attempt was successful.

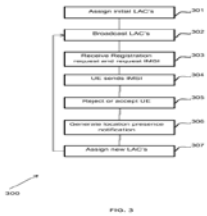

FIG. 3

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015
(21) Application No.2401/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR DISEASE ASSOCIATED HUMAN GENOMIC VARIANT ANALYSIS AND REPORTING

(51) International classification :G06F19/00
(31) Priority Document No :61/792522
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018424
Filing Date :25/02/2014
(87) International Publication No :WO 2014/149437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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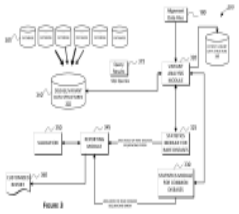
(72)**Name of Inventor :**
1)CHEN Fanqing
2)WU Han

(57) Abstract :
Systems and methods for disease associated human genomic variant analysis and reporting is disclosed. The systems and methods include receiving and extracting disease related variant information; storing the disease related variant information in a first data structure. Moreover the system and methods include identifying a plurality of genomic variants and determining one or more probability of disease associated with at least one or more of the plurality of genomic variants. For at least one or more of the plurality of genomic variants that has at least one probability of disease that is greater than a threshold the systems and methods may also obtain validation of the at least one of the plurality of genomic variants using the validation module. A report may be created to include at least a disease and the likelihood of the disease.



No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.4117/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SLIDING STEP WITH A STRAIN MEASURING ELEMENT AND A CENTRING ELEMENT

(51) International classification :G01L 1/00
(31) Priority Document No :10 2014 117 171.3
(32) Priority Date :24/11/2014
(33) Name of priority country :Germany
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Ochshuser Strae 14, 34123 Kassel, Germany. Germany
(72)**Name of Inventor :**
1)RASEKHI, Abbas
2)KNOTHE, Uwe

(57) Abstract :
The invention relates to a boarding/exiting device for a public transport vehicle, which comprises a step plate horizontally extendable and retractable with the aid of a drive in slide-in/slide-out direction, with two side cheeks and a footboard arranged between the side cheeks, wherein the step plate comprises at least two rollers arranged on the side cheeks, which rollers roll in a rail attached to the vehicle. At least one of the side cheeks comprises a cranked section in the area of one of the rollers, which is arranged between the two rollers and which comprises a strain measuring element for detecting deformations. In addition the step plate (20) comprises a centring means composed of a centring element (65, 66)firmly arranged on the frame (26) and firmly arranged on the step plate, which cooperate with each other in such a way that when the step plate (24) is pushed into the frame (26) the step plate (24) is positioned in a predetermined position. Figure 2 is the representative figure.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.806/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR LEARNING AND IDENTIFICATION OF REGULATORY INTERACTIONS IN BIOLOGICAL PATHWAYS

(51) International classification :G06F15/18
(31) Priority Document No :61/711491
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064160
Filing Date :09/10/2013
(87) International Publication No :WO 2014/059036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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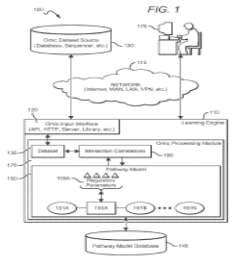
(72)**Name of Inventor :**
1)VASKE Charles Joseph
2)SWDGEWICK Andrew J.
3)BENZ Stephen Charles

(57) Abstract :
Contemplated systems and methods provide for machine learning and identification of regulatory interactions in biological pathways using a probabilistic graphical model and especially for identification of interaction correlations among the regulatory parameters.



No. of Pages : 45 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.807/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TECHNIQUES FOR DECOUPLING DOWNLINK AND UPLINK OPERATIONS

(51) International classification :H04W74/00
(31) Priority Document No :61/722068
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068061
Filing Date :01/11/2013
(87) International Publication No :WO 2014/071185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 United States of America U.S.A.
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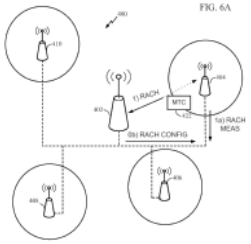
1)XU Hao
2)JI Thingfang
3)GAAL Peter
4)CHEN Wanshi
5)WEI Yongbin
6)SOMASUNDARAM,Kiran Kumar
7)GROIT Miguel

(57) Abstract :
Techniques are provided for decoupling uplink and downlink operations. According to certain aspects a wireless node (e.g. a low power node) may receive from a base station of a first cell signaling indicating a random access channel (RACH) configuration for a wireless device. The wireless node may then detect the wireless node performing a RACH detection (based on the RACH configuration) and report the RACH detection and desired UL configuration to the base station of the first cell. The base station of the first cell may then select the wireless node for serving the wireless device for UL operations (e.g. based on the reported RACH detection and similar reports from other wireless nodes detecting the same RACH procedure).



No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2427/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIA ENABLED PACKAGE ON PACKAGE

(51) International classification :H01L25/10
(31) Priority Document No :13/791223
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020868
Filing Date :05/03/2014
(87) International Publication No :WO 2014/138285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LISK Durodami Joscelyn
2)RAMACHANDRAN Vidhya
3)LEE Jae Sik

(57) Abstract :
A via enabled package on package circuit includes a first package (316) including a first package die (310) having a plurality of through substrate vias (TSVs) (322). The TSVs are configured to carry the input/output signaling for at least one second package die (315).

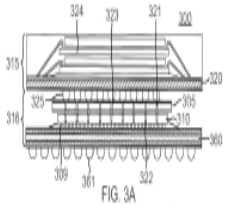

FIG. 3A

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2428/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONNECTION BAR ARCHITECTURE FOR HIGH POWER CONVERTER

(51) International classification :H02G5/10,C25C3/16,H02M7/00
(31) Priority Document No :13 51817
(32) Priority Date :28/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/053574
Filing Date :25/02/2014
(87) International Publication No :WO 2014/131740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)BELLANCOURT Rapha«l
2)JOSSE Philippe
3)DEVAUTOUR Jo«l

(57) Abstract :
The principal subject of the invention is a connection bar (BS1) intended to ensure an electrical connection between a high power converter (R) and an isolator (S) characterized in that the connection bar (BS1) exhibits a form delimiting at least partially at least one hollow (10) in that it is configured so as to allow the passage of a cooling fluid (F) inside it in that it comprises two bars (3 4) intended to come into contact with the high power converter (R) and which are linked to one and the same bar (2) intended to come into contact with the isolator (S) and in that it exhibits the form of a U shape.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2015

(21) Application No.2429/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY DELIVERY SYSTEM AND METHOD FOR A GATE DRIVE UNIT CONTROLLING A THYRISTOR BASED VALVE

(51) International classification :H02M1/08,H03K17/12
(31) Priority Document No :13/781685
(32) Priority Date :28/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/053512
Filing Date :24/02/2014
(87) International Publication No :WO 2014/131720
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
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1)FURYK Marek
2)RAUBO Roman
3)SCHWARTZENBERG John

(57) Abstract :
The invention concerns energy delivery system and method for a gate drive unit controlling a thyristor based valve (19). The system comprises at least one current transformer (22) located in the main current path of the valve.

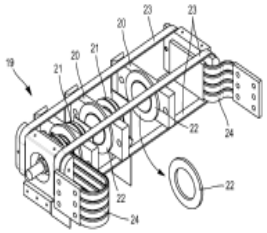

FIG. 2

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.812/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MAP BASED ADAPTIVE SAMPLING OF ORIENTATION SENSORS FOR POSITIONING

(51) International classification :G01C21/20,G06F1/32,H04W4/02
(31) Priority Document No :13/670306
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063994
Filing Date :09/10/2013
(87) International Publication No :WO 2014/074258
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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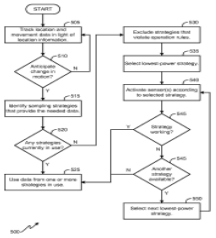
1)PODURI Sameera
2)PAKZAD Payam
3)SRIDHARA, Vinay
4)DAS Saumitra Mohan
5)NAGUIB Ayman Fawzy

(57) Abstract :
Techniques are provided for adaptively sampling orientation sensors in positioning systems based on location (e.g. map) data. Embodiments can enable a device to use location direction and/or location information to anticipate an expected change in motion. The embodiments can then identify and prioritize a number of sampling strategies to alter sampling rates of orientation sensors and implement at least one strategy based on priority.



No. of Pages : 39 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.813/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RULES ENGINE AS A PLATFORM FOR MOBILE APPLICATIONS

(51) International classification :G06F9/44
(31) Priority Document No :61/719876
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061113
Filing Date :23/09/2013
(87) International Publication No :WO 2014/070329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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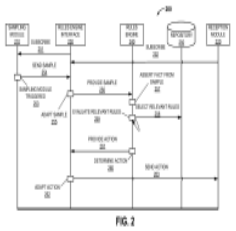
1)SWAMINATHAN Ashwin
2)KHUN Lukas Daniel
3)DING Li
4)PATTON Evan

(57) Abstract :
Disclosed are systems and methods to optimize a rules engine as a platform within a computing system. The computing system may identify a context of interest such as environment or circumstance of the computing system or a user of the computing system. Based on the identified context of interest the rules engine platform may selectively identify rules or sets of rules that are relevant to the context of interest. Accordingly rules or sets of rules that are irrelevant to the context of interest may be omitted from evaluation. Therefore resources of the computing system may not consumed in some embodiments by resolving conflicts between rules and evaluating rules that result in actions that are not suitable for the context of interest.



No. of Pages : 83 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2413/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSPARENT DISPLAY APPARATUS AND METHOD THEREOF

(51) International classification :G09F9/00,G09G5/00
(31) Priority Document No :1020130007168
(32) Priority Date :22/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000607
Filing Date :22/01/2014
(87) International Publication No :WO 2014/116014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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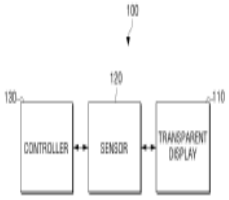
(72)**Name of Inventor :**
1)KUMAR Nipun
2)SEO Joon kyu
3)YOON Yeo jun
4)CHOI Young joon

(57) Abstract :
A transparent display apparatus is provided. The transparent display apparatus includes a transparent display which displays information a sensor which senses background information in a first direction and a controller configured to modify a display state of the displayed information on the transparent display based on the sensed background information.



No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2414/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PROVIDING A FEEDBACK IN RESPONSE TO A USER INPUT AND A TERMINAL IMPLEMENTING THE SAME

(51) International classification	:G06F3/0481,G06F3/14,G06F3/041
(31) Priority Document No	:1020130019527
(32) Priority Date	:23/02/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/001395 :20/02/2014
(87) International Publication No	:WO 2014/129828
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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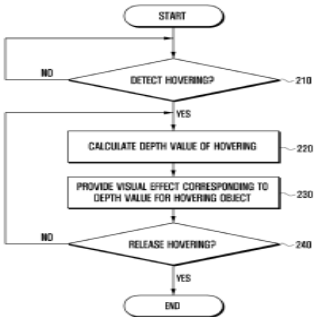
2)KANG Jiyoung
3)KIM Daesung
4)LEE Boyoung
5)LIM Seungkyung
6)JEON Jinyoung

(57) Abstract :
A method and a terminal for providing a feedback in response to a user input related to a touch panel are provided. The method includes displaying an object on the screen or displaying an image overlying the object detecting hovering of a touch input means the hovering being associated with the object and providing visual feedback in response to the hovering. Wherein when an object is displayed on the screen the visual feedback corresponds to a distance between the object and the touch input means or a function corresponding to the object. When an image is displayed overlying the object the visual feedback comprises displaying the object on the image.



No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015
(21) Application No.2416/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEAT INSULATED SYSTEM FOR LUBRICATING ROTATING AND OSCILLATING COMPONENTS OF A MOTOR VEHICLE

(51) International classification :F01M5/00,F16N39/04
(31) Priority Document No :10 2013 101 844.0
(32) Priority Date :25/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/053639
Filing Date :25/02/2014
(87) International Publication No :WO 2014/128308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INO8 PTY LTD.
Address of Applicant :10 Capri Court Jan Juc Victoria 3228 Australia
(72)**Name of Inventor :**
1)WILL Frank

(57) Abstract :
The invention relates to a heat insulated lubrication system (100) for lubricating rotating or oscillating components comprising at least one oil suction tube (2) which is arranged in an oil reservoir (1) an oil pump (4) a heat source (7) and additional connection lines in particular of an oil gallery for distributing lubricating oil to the components wherein the outer circumference of the connection lines is preferably at least twice as large as the inner circumference of the connection lines. At least one connection line (10) within the oil gallery upstream of the heat source is insulated on the inner wall by an inner insulation (13) and the thermal conductivity of the inner insulation (13) is 5% or less of the thermal conductivity of the connection lines or of the remaining oil gallery and is preferably at least less than 1 W/(m K). If a first upper oil threshold temperature is reached the heat source (7) is deactivated or at least the heat output of the heat source is reduced. By using an improved insulation a quick heating and thus a reduction of the fuel consumption during the cold start phase is achieved.

No. of Pages : 69 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015
(21) Application No.815/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI INSTANCE POWERLINE COMMUNICATION SYSTEM

(51) International classification :H04B3/54,H04L12/28
(31) Priority Document No :13/662405
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066861
Filing Date :25/10/2013
(87) International Publication No :WO 2014/066788
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)PALANI Kesavamurty

(57) Abstract :
A multi instance powerline communication device broadcasts discovery messages to network devices of a plurality of communication networks. Identification information associated with the network devices is determined. Each of the network devices is associated with a corresponding one of the plurality of communication networks and one of a plurality of powerline communication instances. The multi instance powerline communication device receives a network packet and determines a destination network device for the network packet. A network identifier of the communication network of the destination network device is determined. The multi instance powerline communication device determines the powerline communication instance associated with the communication network and processes the network packet using the powerline communication instance and the network identifier of the communication network.

No. of Pages : 45 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2318/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OXYGEN ABSORBING MEDICAL MULTIWALL CONTAINER AND BIOPHARMACEUTICAL STORAGE METHOD

(51) International classification :B32B27/18,A61J1/05,A61J1/10
(31) Priority Document No :2013044754
(32) Priority Date :06/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/055877
Filing Date :06/03/2014
(87) International Publication No :WO 2014/136918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan
(72)**Name of Inventor :**
1)KASHIBA Takashi
2)OGAWA Shun
3)ARAKAWA Shota
4)USUDA Kenichiro

(57) Abstract :
The provision of an oxygen absorbing medical multiwall container that has at least the following three layers in this order: a first resin layer containing a thermoplastic resin (b1); an oxygen absorption layer containing an oxygen absorbing composition; and a second resin layer containing a thermoplastic resin (b2). The oxygen absorbing composition contains at least one tetralin containing compound that can be represented by general formula (1) a transition metal catalyst and a thermoplastic resin (a).

No. of Pages : 224 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2015

(21) Application No.2319/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POSITION SPECIFIC ASYMMETRIC DEUTERIUM ENRICHED CATECHOLAMINE DERIVATIVES AND MEDICAMENTS COMPRISING SAID COMPOUNDS

(51) International classification	:C07C229/36,C07B59/00,A61K31/198
(31) Priority Document No	:61/760738
(32) Priority Date	:05/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2014/052267 :05/02/2014
(87) International Publication No	:WO 2014/122184
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :Fontanestrassee 84 90 15366 Neuenhagen bei Berlin Germany
(72)**Name of Inventor :**
1)ALKEN Rudolf Giesbert
2)SCHNEIDER Frank

(57) Abstract :
123232323416561656Herein described are deuterated catecholamine derivatives of the general Formula (I) wherein R is deuterium R and R are independently selected from hydrogen and deuterium and wherein at least one of R and R has a deuterium enrichment in the range from 0.02 mol% to 100 mol% deuterium and wherein the deuterium enrichment of R and R is different from each other and that the difference between the deuterium enrichment of R and R is at least 5 percentage points R is hydrogen deuterium C to C alkyl or C to C cycloalkyl deuterated C to C alkyl or C to C cycloalkyl or a group that is easily hydrolytically or enzymatically cleavable under physiological conditions as well as their physiologically acceptable salts and their stereoisomers enantiomeres or diastereomers in optically pure form. The compounds can easily be prepared by mixing deuterated and non deuterated compounds in a predefined ratio. The compounds show anti Parkinson effect at lower doses and show lower side effects.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2417/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A NOVEL COMPOSITION FOR NONALCOHOLIC FATTY LIVER DISEASE (NAFLD)

(51) International classification :A61K31/00,A61K31/40,A61P1/16
(31) Priority Document No :1468/MUM/2013
(32) Priority Date :22/04/2013
(33) Name of priority country :India
(86) International Application No :PCT/IN2013/000391
Filing Date :25/06/2013
(87) International Publication No :WO 2014/174524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
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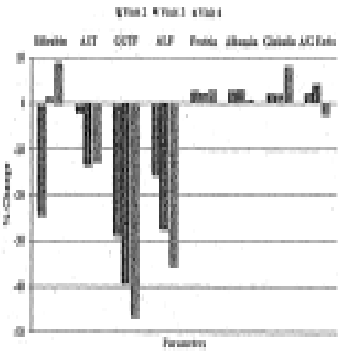
(72)**Name of Inventor :**
1)PATEL Pankaj
2)HARIPRASAD JANI Rajendrakumar

(57) Abstract :
The present invention provides a compound of Formula (I) or pharmaceutical acceptable thereof wherein R is herein described. In addition the invention relates to composition comprising effective therapeutic amount of compound of formula (I) and methods of using the compounds for treating or prevention disorder such as nonalcoholic fatty liver disease (NAFLD) including fatty liver (steatosis) nonalcoholic steatohepatitis (NASH) and cirrhosis (advanced scarring of the liver).



No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2418/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR A SMART RANDOM ACCESS PROCEDURE IN A TELECOMMUNICATION NETWORK

(51) International classification :H04W74/08
(31) Priority Document No :61/807226
(32) Priority Date :01/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021257
Filing Date :06/03/2014
(87) International Publication No :WO 2014/164210
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DSOUZA Luna Sapna
3)CHAKRAVARTHY Chetan Gopalakrishnan
4)VASUDEVAN Guruvayurappan
5)RAO Vaishakh

(57) Abstract :
Aspects of the present disclosure provide for a method and an apparatus for wireless communications using an intelligent Random Access Channel (RACH) procedure that may increase the probability of obtaining an available E DCH resource quickly in a Universal Mobile Telecommunication System.

No. of Pages : 37 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.820/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : 2 PHENYL 5 HETEROCYCLYL TETRAHYDRO 2H PYRAN 3 AMINE COMPOUNDS FOR USE IN THE TREATMENT OF DIABETES AND ITS ASSOCIATED DISORDERS

(51) International classification	:C07D405/04,C07D471/04,C07D487/04
(31) Priority Document No	:3030/MUM/2012
(32) Priority Date	:17/10/2012
(33) Name of priority country	:India
(86) International Application No Filing Date	:PCT/IN2013/000627 :17/10/2013
(87) International Publication No	:WO 2014/061031
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DESAI RanjIt C.
2)BAHEKAR Rajesh
3)JADAV Pradip
4)GOSWAMI Amitgiri
5)PATEL Pankaj

(57) Abstract :
The present invention relates to novel compounds of the general formula (I) their tautomeric forms their enantiomers their diastereoisomers their pharmaceutically accepted salts or pro drugs thereof which are useful for the treatment or prevention of diabetes mellitus (DM) obesity and other metabolic disorders. The invention also relates to process for the manufacture of said compounds and pharmaceutical compositions containing them and their use.

No. of Pages : 103 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015
(21) Application No.824/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATION SOLAR AND COMBUSTION HEATER

(51) International classification :F24J2/04,F24J2/10,F24J2/30
(31) Priority Document No :61/715341
(32) Priority Date :18/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065582
Filing Date :18/10/2013
(87) International Publication No :WO 2014/063001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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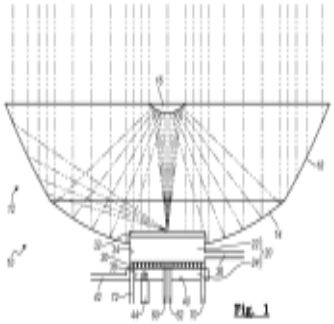
(72)**Name of Inventor :**
1)HOFBAUER Peter
2)KAPPAUF Todd

(57) Abstract :
Substituting a solar concentrator for a conventional burner for heating is desirable. However the sun s energy is diurnal and cannot be counted upon even during daylight hours. To ensure heating is available a backup conventional combustor can be provided. According to the present disclosure a heat exchanger element of the heater assembly is directly acted upon by solar rays via a solar concentrator and by combustion. The heat exchanger acts as the combustion holder. Fuel provided to the outside of the heat exchanger is adjusted based on the demanded for heating and the amount of insolation achieved via the solar concentrator. The heat exchanger can be part of a conventional heater or a heat pump for heating water or air.



No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.825/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL IMPACT MODIFIERS FOR EPOXY BASED ADHESIVES

(51) International classification :C08G18/12,C08G18/48,C08G18/69
(31) Priority Document No :12192264.5
(32) Priority Date :12/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073542
Filing Date :12/11/2013
(87) International Publication No :WO 2014/072515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VOCI Tina
2)HOFSTETTER David
3)KRUGER Christian
4)SCHULENBURG Jan Olaf

(57) Abstract :
An impact modifier with epoxy group termination is described comprising the reaction product of a) two or more polyols b) one or more polyisocyanates and c) at least one epoxy resin comprising an epoxy compound containing a primary or secondary hydroxyl group wherein the polyols comprise a1) at least one polyether polyol and a2) at least one OH terminated rubber where the weight ratio of polyether polyol to OH terminated rubber is in the range from 7:3 to 2:8 as are an isocyanate terminated prepolymer as a possible intermediate and processes for preparation thereof. The products obtained are suitable for improving the impact resistance of epoxy resin compositions especially of 1K or 2K epoxy resin adhesives.

No. of Pages : 47 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.826/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR SIGNING ELECTRONIC DOCUMENTS WITH AN ANALOG DIGITAL SIGNATURE WITH ADDITIONAL VERIFICATION

(51) International classification :G06F21/64
(31) Priority Document No :2012143920
(32) Priority Date :15/10/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2013/000901
Filing Date :11/10/2013
(87) International Publication No :WO 2014/062093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GERTNER Dmitry Aleksandrovich

(57) Abstract :
The invention is intended for improving a method for signing electronic documents with an analog digital signature. The method set forth permits electronic documents to be input from a computer into a signature device owing to a reduction implemented by means of additional verification in the risk of the electronic document being switched. The additional verification is implemented when the computer together with the signature device is connected to a computer network and when the electronic document is signed by the user by inputting analog digital information via a device for inputting biometric information the user indicates his/her electronic address. The digital signature is then produced in the signature device an encoded connection with the server is established a request file for confirmation of the signature the request including the electronic address of the user files of the electronic document analog digital information about the user and a digital signature is sent to the server. A final request file for confirmation of the signature excluding the digital signature is produced on the server and said digital signature is temporarily stored in the server memory and said file is sent to the electronic address of the user. The user is then permitted to once again check the contents of the electronic document which said user has signed and to confirm his/her signature.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.768/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DOWNLINK/UPLINK FLOW CONTROL IN AN HSPA+ UE USING AUTONOMOUS CONNECTED DRX MODE TRIGGERING

(51) International classification :H04W52/02
(31) Priority Document No :61/724000
(32) Priority Date :08/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069101
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHHABRA Gurvunder Singh
2)KRISHNAMURTI Deepak
3)CHANDRA Madhup

(57) Abstract :
A method an apparatus and a computer program product for communication are provided in connection with controlling the flow of data in a HSPA+ UE 600. In one example a communications device 600 is equipped to monitor 902 at least one parameter related to processing data at the UE 600 detect 904 that the at least one parameter has passed a threshold and autonomously trigger 906 a DRX mode of operation 708. In an aspect the at least one parameter may include but is not limited to a data rate Central Processing Unit (CPU) utilization memory utilization component temperature etc.

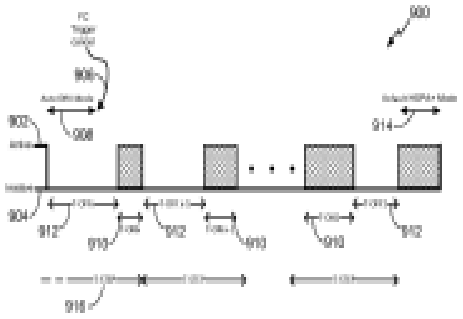

Fig. 9

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.769/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : YELLOW REACTIVE DYE COMPOUND

(51) International classification :C09B62/513,C09B67/24,C09B67/26
(31) Priority Document No :201210401056.9
(32) Priority Date :18/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/001255
Filing Date :18/10/2013
(87) International Publication No :WO 2014/059747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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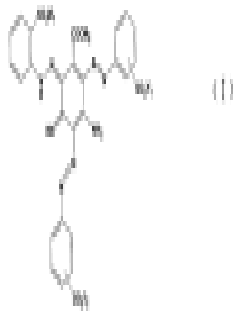
(72)**Name of Inventor :**
1)WANG Xiaohong
2)OU Qi
3)WANG Renliang
4)LV Jianjun

(57) Abstract :
Provided in the present invention is a reactive yellow dye compound having a hydrazone structure the structure of said compound being shown in formula (I). The reactive dye compound of the present invention can be applied during printing and dyeing to fibrous materials such as cellulose fibers and polyamide fibers has outstanding sweat resistance and light resistance exhibits a high rate of dye uptake and color fixation has excellent build up properties promotes even dyeing and dye color stability and is bright and rich in color.



No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/04/2015
(21) Application No.830/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATA PUSHING METHOD DEVICE AND SYSTEM

(51) International classification :H04W28/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/082632
Filing Date :09/10/2012
(87) International Publication No :WO 2014/056146
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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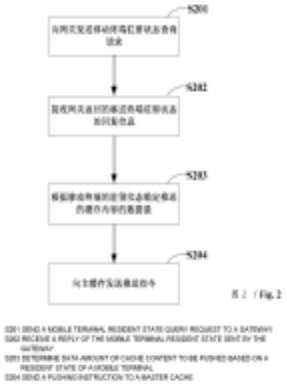
(72)**Name of Inventor :**
1)ZHANG Lixue
2)XIONG Chunshan

(57) Abstract :
The present invention relates to a data pushing method, apparatus, and system. The data pushing method includes: sending a query request for a camp-on state of a mobile terminal to a gateway; receiving reply information that is about the camp-on state of the mobile terminal and returned by the gateway, where the reply information includes the camp-on state of the mobile terminal; determining, according to the camp-on state of the mobile terminal, a data volume of cached content to be pushed; and sending a pushing instruction to a main cache, where the pushing instruction is a first pushing instruction or a second pushing instruction; sending the first pushing instruction to the main cache if the mobile terminal is in a first camp-on state, so as to control the main cache to push a first data volume of data of the cached content to the mobile terminal; and sending the second pushing instruction to the main cache if the mobile terminal is in a second camp-on state, so as to control the main cache to push a second data volume of data of the cached content to the mobile terminal.



No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/04/2015
(21) Application No.831/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERFERENCE COORDINATION METHOD AND DEVICE

(51) International classification :H04W28/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/082646
Filing Date :09/10/2012
(87) International Publication No :WO 2014/056149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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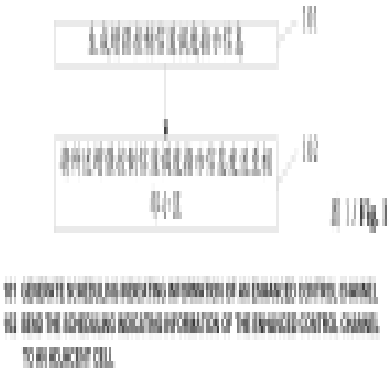
(72)**Name of Inventor :**
1)YAN Zhiyu
2)XUE Lixia

(57) Abstract :
The present invention discloses a method and an apparatus for interference coordination, relates to the field of communications technologies, and can solve an interference problem of enhanced control channels between cells, thereby ensuring performance of an enhanced control channel of each cell. The present invention includes: generating enhanced-control-channel scheduling indication information, where the enhanced-control-channel scheduling indication information includes first scheduling indication information and/or second scheduling indication information, the first scheduling indication information is used for identifying a PRB corresponding to an interfered-with enhanced control channel in the cell, and the second scheduling indication information is used for indicating transmit power information corresponding to each PRB in the cell; and sending the enhanced-control-channel scheduling indication information to a neighboring cell, so that the neighboring cell determines, according to the enhanced-control-channel scheduling indication information, a PRB, of which a scheduling manner needs to be adjusted, in the neighboring cell. Embodiments of the present inversion are applied to a procedure for interference coordination between neighboring cells.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2015

(21) Application No.2349/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERACTIVE INPUTS FOR A BACKGROUND TASK

(51) International classification :G06F3/01
(31) Priority Document No :13/837006
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020464
Filing Date :05/03/2014
(87) International Publication No :WO 2014/149698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KIES Jonathan K.
2)MACDOUGALL Francis B.
3)ARELLANO Suzana

(57) Abstract :
Systems and methods according to one or more embodiments of the present disclosure provide improved multitasking on user devices. In an embodiment a method for multitasking comprises detecting a non touch gesture input received by a user device. The method also comprises associating the non touch gesture input with an application running in a background wherein a different focused application is running in a foreground. And the method also comprises controlling the background application with the associated non touch gesture input without affecting the foreground application.

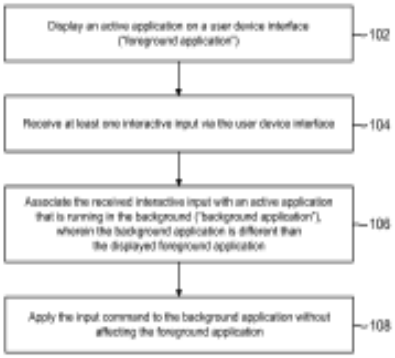

FIG. 1

No. of Pages : 54 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2015

(21) Application No.2450/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC SYSTEM WITH DISPLAY MODE MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :G06F3/048,G06F3/14,G06F3/01
(31) Priority Document No :61/757667
(32) Priority Date :28/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/000821
Filing Date :28/01/2014
(87) International Publication No:WO 2014/116089
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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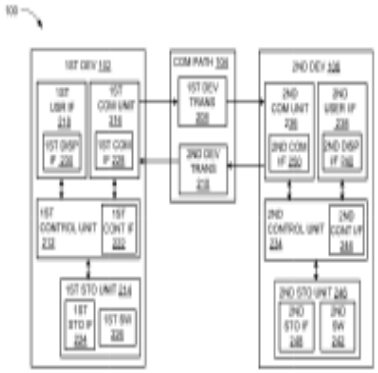
2)SHIH Nina F.
3)TAFEL Robin M.
4)BECKER Eugene W.
5)TAN Natasha
6)DRESSEL Christoph
7)FERREIRA Kwame
8)BAR NAHUM Guy

(57) Abstract :
An electronic system includes: a control unit configured to: detect a motion applied to a device with a display in a mode; select another mode of the display based on the device motion; and a user interface coupled to the control unit configured to apply a screen motion to the another mode of the display.



No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015
(21) Application No.772/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI LAYERED SUSPENSION PACKAGE ASSEMBLY

(51) International classification :B65D81/07,B65D85/30
(31) Priority Document No :13/620543
(32) Priority Date :14/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059801
Filing Date :13/09/2013
(87) International Publication No :WO 2014/043569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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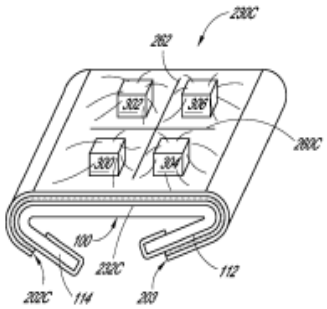
Address of Applicant :2911 Dow Avenue Tustin CA 92780 U.S.A.
(72)**Name of Inventor :**
1)MACDONALD John
2)COMERFORD Frank
3)COMERFORD Myles

(57) Abstract :
A packaging device can include a retention member formed of two layers that are different from one another. In some embodiments the two layers are made of different material connected together such as by heat sealing. The layers can be made from different materials or the same materials having different thicknesses modules of elasticity melting index or other different characteristics. In some embodiments the two layers have different physical dimensions.



No. of Pages : 41 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.834/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERACTION SENSING

(51) International classification :G06F3/041
(31) Priority Document No :61/865448
(32) Priority Date :13/08/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/007547
Filing Date :13/08/2014
(87) International Publication No :WO 2015/023134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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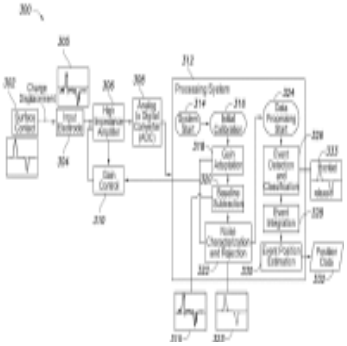
2)BAU Olivier
3)TSEKOV Iliya
4)SADI Sajid
5)DIGMAN Michael
6)ATTARIAN Vatche
7)CONSUL Sergi

(57) Abstract :
An embodiment of the present invention provides an apparatus comprising: a single electrode configured to passively receive a charge displacement and a change in characteristics of electromagnetic signals in an environment; and a touch sensor coupled to the single electrode configured to detect a first input based on the charge displacement and a second input based on the change in characteristics of electromagnetic signals in the environment.



No. of Pages : 81 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.835/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR RECURSIVELY TRAVERSING THE INTERNET AND OTHER SOURCES TO IDENTIFY GATHER CURATE ADJUDICATE AND QUALIFY BUSINESS IDENTITY AND RELATED DATA

(51) International classification :G06F17/30
(31) Priority Document No :61/711673
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063737
Filing Date :07/10/2013
(87) International Publication No :WO 2014/058805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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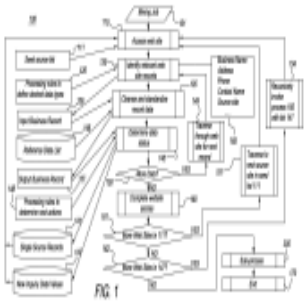
1)SCRIFFIGNANO Anthony J.
2)KLEIN Michael
3)HOANG Thang Q
4)RAMPAUL Vindra
5)DAVIES Robin
6)REDDI Anjali

(57) Abstract :
A system and a method used for data discovery in accordance with an inquiry in which multiple sources which may be web sites or other data sources are examined for data relevant to the inquiry. The process and method is performed recursively an indeterminate number of iterations using data and metadata from multiple sources to corroborate discovered data and metadata from other sources until no further relevant data or sources are found or adjudication or exception rules have been met. Discovered data and metadata are curated adjudicated to assess reliability synthesized and clustered into composite records using precedence rules and provenance to determine the most reliable data sources as well as terms of use for each source. Data metadata and information about each search are retained and can be used for subsequent purposes such as subsequent searches or other downstream activities.



No. of Pages : 41 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3716/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF (S)-2-CHLORO-N-(2-ETHYL-6-METHYLPHENYL)-N-(2-METHOXY- 1- METHYL) ACETAMIDE

(51) International classification	:C07C213/04, C07C213/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHAH, Kenal V.
2)GUJRAL, Ajit Singh
3)Dr. JANI Nilesh N.
4)SHINDE Ravindra Y.
5)SHAH, BHAVESH V.

(57) Abstract :
The present invention relates to a novel process for preparation of (S)-2-chloro-N-(2-ethyl-6- methylphenyl)-N-(2-methoxy- 1 -methyl) acetamide (S-Metolachlor) of formula I. The invention also relates to the synthesis of (S)-2-ethyl-N-(l-methoxypropan-2-yl)-6-methyl aniline of formula VII which is an intermediate for the synthesis of (S)-2-chloro-N-(2-ethyl-6- methylphenyl)-N-(2-methoxy- 1 -methyl) acetamide.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.776/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR KNOCK CONTROL

(51) International classification :F02D35/02,F02D19/02,F02D19/06
(31) Priority Document No :-
(32) Priority Date : -
(33) Name of priority country :Argentina
(86) International Application No :PCT/EP2012/003821
Filing Date :12/09/2012
(87) International Publication No :WO 2014/040606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAGNUSSON Ingemar
2)MANENTE Vittorio

(57) Abstract :
An arrangement in a vehicle engine comprising an intake air manifold an exhaust gas manifold and a plurality of cylinders and being adapted for being operated by means of a dual fuel comprising diesel and gas fuel said arrangement further comprising: an exhaust gas recirculation line connecting said exhaust gas manifold with said intake air manifold an exhaust gas recirculation valve arranged in said exhaust gas recirculation line and a control unit arranged for controlling the operation of the exhaust gas recirculation valve where the arrangement further comprises a knock sensor arranged on said engine and connected to said control unit; said control unit being adapted for opening said exhaust gas recirculation valve in the event that knock is detected by said knock sensor. The advantage of the invention is that a dual fuel engine can be used with methane gas having a wide variety of methane numbers without causing the engine to knock.

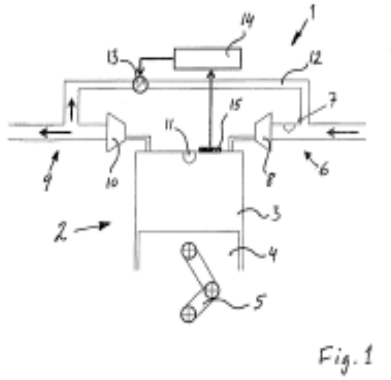

Fig. 1

No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.777/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR OPTIMIZING REMOVAL OF CONDENSABLE COMPONENTS FROM A FLUID

(51) International classification	:B01D5/00,B01D53/44,B01D53/52
(31) Priority Document No	:2790182
(32) Priority Date	:17/09/2012
(33) Name of priority country	:Canada
(86) International Application No Filing Date	:PCT/CA2013/001094 :17/09/2013
(87) International Publication No	:WO 2014/075176
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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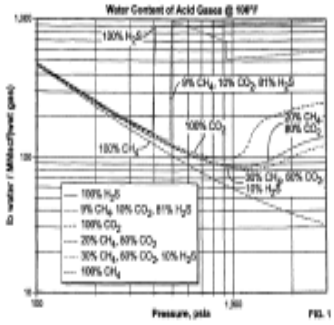
(72)**Name of Inventor :**
1)MCKAY Norman Wayne
2)MADDOCKS James

(57) Abstract :
A method for removing condensable components from a fluid containing condensable components. The method involves optimizing the temperature of an initial feed stream including the condensable components through heat exchange and cooling to condense liquids there from. The liquids are removed to form a gas stream which is then compressed and after cooled to form a high pressure stream. A portion of the high pressure stream is expanded to form a cooled low pressure stream which is mixed with the initial feed stream to augment cooling and condensation of condensable components in the initial feed stream. The method is characterized in that after mixing the cooled low pressure stream with the initial feed stream the formed mixture is separated into a liquid stream and a gas stream. The liquid stream and the gas stream are contacted with the initial feed stream in a gas liquid heat exchanger and in a gas gas heat exchanger respectively.



No. of Pages : 35 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015

(21) Application No.839/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, BASED ON HIERARCHICAL STRUCTURE OF CODING UNIT

(51) International classification :H04N 7/24
(31) Priority Document No :10-2009-0101191
(32) Priority Date :23/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007257
Filing Date :22/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1224/MUMNP/2012
Filed on :16/05/2012

(71)**Name of Applicant :**
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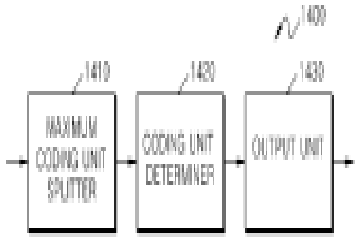
(72)**Name of Inventor :**
1)HAN, Woo-Jin
2)MIN, Jung-Hye
3)KIM, Il-Koo

(57) Abstract :
A method for encoding video data includes: splitting a current picture into at least one maximum coding unit; determining a coded depth to output an encoding result by encoding at least one split region of the at least one maximum coding unit according to operating mode of coding tool, respectively, based on a relationship among a depth of at least one coding unit of the at least one maximum coding unit, a coding tool, and an operating mode; and outputting a bitstream including encoded video data of the coded depth, information regarding a coded depth of at least one maximum coding unit, information regarding an encoding mode, and information regarding the relationship.

[Fig. 16]



No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3699/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ISOLATION OF FERULIC ACID AND P-COUMARIC ACID FROM HERBS

(51) International classification	: A61P3/06, A61K36/906,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MS. GURSAHANI MALVIKA SUNIL
(72)**Name of Inventor :**
1)MR. DHANDE SWATI RAJENDRA
2)MS. GURSAHANI MALVIKA SUNIL
3)DR. KADAM VILASRAO JAGANNATH

(57) Abstract :
The present invention relates to a method of isolation of high purity Ferulic acid and p-Coumaric acid from the herbs belonging to Graminae family using High Performance Thin Layer Chromatography (HPTLC). The said process is simple, convenient, economical and commercially feasible. The present invention also relates to a composition comprising a combination of Ferulic acid and p-Coumaric acid from herbs for prevention and/or treatment of alterations of the lipid balance, and for prevention and/or treatment of hyperlipidemia.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.774/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOTOR

(51) International classification :H02K3/50,H02K3/12,H02K3/38
(31) Priority Document No :2013-006284
(32) Priority Date :17/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/084575
Filing Date :25/12/2013
(87) International Publication No:WO 2014/112301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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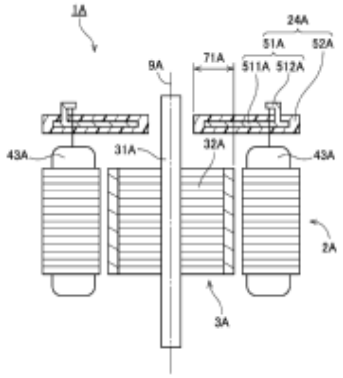
(72)**Name of Inventor :**
1)FUKUNAGA Keisuke
2)MIGITA Takayuki

(57) Abstract :
A motor has a metal bus bar and a resin bus bar holder for holding the bus bar. The bus bar has a plate section and a plurality of terminals. The plate section is extended along a plane substantially orthogonal to the center axis. The plurality of terminals extends upward from the plate section and is electrically connected to the end of a wire constituting a coil. A bus bar unit including a bus bar and a bus bar holder and a rotor overlap with each other in the axial direction. The bus bar unit is thus allowed to extend radially and the entire motor can be reduced in size in the radial direction compared to a case where the bus bar unit and the rotor do not overlap in the axial direction. If the bus bar unit is allowed to extend radially the number of bus bars stacked in the axial direction can be reduced. As a result the size of a motor can be reduced in the axial direction.



No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015

(21) Application No.837/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLEANING DEVICE FOR DOOR HANDLES AND PUSH PLATES

(51) International classification :E05B1/00,A61L2/18
(31) Priority Document No :S2012/0458
(32) Priority Date :12/10/2012
(33) Name of priority country :Ireland
(86) International Application No :PCT/EP2013/071330
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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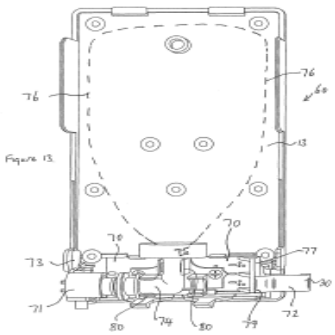
2)MCDONAGH Maurice
(72)**Name of Inventor :**
1)CUNNINGHAM Brian
2)MCDONAGH Maurice

(57) Abstract :
A cleaning device for door handles and door push plates comprising a housing (60) for mounting on a door the housing having a reservoir (76) of disinfectant liquid and a spray head (71) an actuating arm (72) which projects outwardly from the housing and is in use operatively associated with a door frame in which the door is mounted such that opening or closing of the door causes movement of the actuating arm (72) to operate the spray head and to spray a disinfectant liquid onto the door handle door push plate or other door surface wherein the actuating arm engages with the door frame to operate the spray head.



No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015

(21) Application No.838/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ERROR CORRECTION FOR POWERLINE COMMUNICATION MODEM INTERFACE

(51) International classification :H04B3/54,H04B3/56
(31) Priority Document No :61/723769
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068911
Filing Date :07/11/2013
(87) International Publication No :WO 2014/074693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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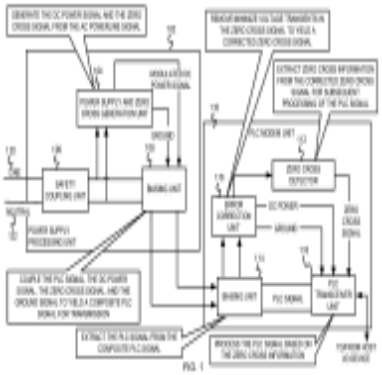
(72)**Name of Inventor :**
1)MAGIN Gregory Allen
2)CORRAL Celestino Anastasio

(57) Abstract :
A powerline communication (PLC) power supply and modem interface can be implemented using a power supply processing unit coupled with a PLC modem unit. The power supply processing unit generates a composite PLC signal comprising a PLC signal and a DC power signal modulated with a zero cross signal (all determined from an AC powerline signal). Highpowered components of the PLC modem unit can cause signal distortion in the zero cross signal component of the composite PLC signal making it difficult to extract zero cross information. An error correction unit can be implemented at the PLC modem unit to minimize the signal distortion and generate a zero cross signal with little or no error. The PLC modem unit also extracts the PLC signal and the DC power signal from the composite PLC signal and processes the PLC signal using the zero cross information extracted from the corrected zero cross signal.



No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.783/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODULATION OF ANDROGEN RECEPTOR EXPRESSION

(51) International classification :A61K31/712
(31) Priority Document No :61/712756
(32) Priority Date :11/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064479
Filing Date :11/10/2013
(87) International Publication No :WO 2014/059238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KIM Youngsoo
3)ZHOU Tianyuan
4)FREIER Susan m
5)SETH Punit P.
6)SWAYZE Eric
7)MONIA Brett.p

(57) Abstract :
Certain embodiments are directed to compounds and compositions targeted to human androgen receptor (AR) for inhibiting androgen receptor levels in a cell which can be useful for methods of treating cancer and inhibiting cancer cell growth or proliferation. Several embodiments provided herein relate to the discovery of compounds and compositions for inhibiting androgen receptor levels in a cell which can be useful for methods of treating cancer and inhibiting proliferation or growth of cancer cells such as prostate breast ovarian gastric or bladder cancer or cancer cells.

No. of Pages : 186 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015

(21) Application No.842/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, BASED ON HIERARCHICAL STRUCTURE OF CODING UNIT

(51) International classification :H04N 7/00
(31) Priority Document No :10-2009-0101191
(32) Priority Date :23/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007257
Filing Date :22/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1224/MUMNP/2012
Filed on :16/05/2012

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1)SAMSUNG ELECTRONICS CO., LTD.
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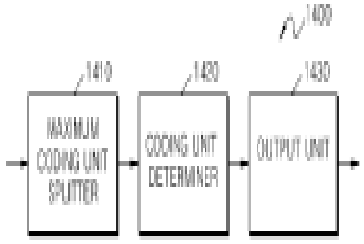
(72)**Name of Inventor :**
1)HAN, Woo-Jin
2)MIN, Jung-Hye
3)KIM, Il-Koo

(57) Abstract :
A method for encoding video data includes: splitting a current picture into at least one maximum coding unit; determining a coded depth to output an encoding result by encoding at least one split region of the at least one maximum coding unit according to operating mode of coding tool, respectively, based on a relationship among a depth of at least one coding unit of the at least one maximum coding unit, a coding tool, and an operating mode; and outputting a bitstream including encoded video data of the coded depth, information regarding a coded depth of at least one maximum coding unit, information regarding an encoding mode, and information regarding the relationship.

[Fig. 16]



No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.843/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, BASED ON HIERARCHICAL STRUCTURE OF CODING UNIT

(51) International classification :H04N 7/00
(31) Priority Document No :10-2009-0101191
(32) Priority Date :23/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007257
Filing Date :22/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1224/MUMNP/2012
Filed on :16/05/2012

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
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(72)**Name of Inventor :**
1)HAN, Woo-Jin
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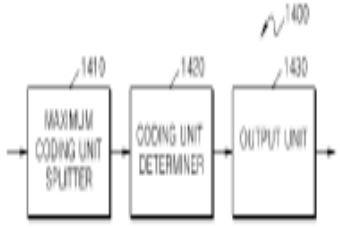
3)KIM, Il-Koo

(57) Abstract :
A method for encoding video data includes: splitting a current picture into at least one maximum coding unit; determining a coded depth to output an encoding result by encoding at least one split region of the at least one maximum coding unit according to operating mode of coding tool, respectively, based on a relationship among a depth of at least one coding unit of the at least one maximum coding unit, a coding tool, and an operating mode; and outputting a bitstream including encoded video data of the coded depth, information regarding a coded depth of at least one maximum coding unit, information regarding an encoding mode, and information regarding the relationship.

[Fig. 16]



No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015

(21) Application No.844/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND ARRANGEMENT FOR CONTROLLING AN ELECTRO ACOUSTICAL TRANSDUCER

(51) International classification :H04R3/00,G05B13/04,H04R3/02
(31) Priority Document No :10 2012 020 271.7
(32) Priority Date :17/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/071682
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060496
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KLIPPEL Wolfgang

(57) Abstract :
ztptAn arrangement and method for converting an input signal () into a mechanical or acoustical output signal ( ) by using a transducer (9) and additional means for generating a desired transfer behavior and for protecting said transducer against overload. Transducers of this kind are for example loudspeaker headphones and other mechanical or acoustical actuators. The additional means comprise a controller (1) a power amplifier (7) and a detector (11). The detector identifies parameters P[n] of the transducer model if the stimulus provides sufficient excitation of the transducer. The detector permanently identifies time variant properties S(t) of the transducer for any stimulus supplied to the transducer. The controller provided with this information generates a desired linear or nonlinear transfer behavior; in particular electric control linearizes stabilizes and protects the transducer against electric thermal and mechanical overload at high amplitudes of the input signal.

No. of Pages : 61 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3700/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : □□□□□□□□□□□□□□New Design to replace Standard Lead Battery with Lithium Battery for General Purpose application with High Capacity Storage and Low Charging time.

	:
(51) International classification	H01M16/00, B60L11/18,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT// /
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Hemant Kraramchand Rohera
3)Rajesh Rajmani Singh

(57) Abstract :
A vehicle can start and run on 11.1 Volts battery where its cut-off voltage would be between 50.4 Volts. These battery can be used individually or in multiples as well as in combination with SLA batteries, or super capicators. These batteries can be used with and without the protection PCB, Zinc Capacitor, or DC to DC Circuit/ Low voltage battery protection, reverse Current protection, short circuit protection, over charge protection, deep discharge protection.

No. of Pages : 5 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.3701/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ACETIC ACID

(51) International classification :C07C53/126, C07C51/06,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GHOSH RAJSHEKHAR
2)KAPADIA PRADEEP PARESH
3)JASRA RAKSH VIR

(57) Abstract :
The present disclosure relates to a process for preparing acetic acid. The process in accordance with the present disclosure comprises heating a mixture of 2-alkene, transition metal based catalyst, a polar solvent and an oxidizing agent to obtain acetic acid. A process for preparing acetic acid using environment friendly oxidizing agents and easily synthesizable and recoverable transition metal based catalyst is also disclosed.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.780/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WALL SURFACE FLOWER BED STRUCTURE AND METHOD FOR FORMING WALL SURFACE FLOWER BED

(51) International classification :A01G9/02,A01G27/02
(31) Priority Document No :2012200906
(32) Priority Date :12/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/063522
Filing Date :15/05/2013
(87) International Publication No :WO 2014/041850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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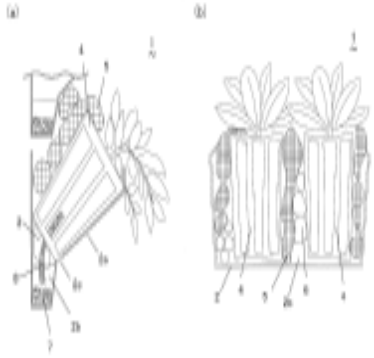
3)OOKAWA Mitsuyo
(72)**Name of Inventor :**
1)ITO Takami
2)MIYAZAKI Erika
3)OOKAWA Mitsuyo

(57) Abstract :
The present invention is a wall surface flower bed structure wherein work efficiency is better root damage when plants are transferred is prevented and the designability of the wall surface flower bed is improved. This wall surface flower bed structure (1) is provided with: a plant holding pot (4) for holding a plant a plurality of through holes for water passage being formed in a bottom surface and side surface thereof and the root section of the plant being covered with a water permeable material (3) that allows permeation of water; and a box body (2) that has an opened upper surface and has an inclined section (2a) for the placement of a plurality of the plant holding pot (4) a water collecting section (2b) for collecting water at the lower end side of the inclined section (2a) and a water outlet for discharging water that is not collected in the water collecting section (2b). This configuration makes it possible for work efficiency to be better root damage when plants are transferred to be prevented and the designability to be improved in the wall surface flower pot structure (1).



No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.847/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTER SYSTEM CALL SWITCHING BETWEEN CO EXISTENCE WIRELESS SYSTEMS

(51) International classification	:H04W36/22,H04W48/18,H04W48/06
(31) Priority Document No	:61/716999
(32) Priority Date	:22/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/065753 :18/10/2013
(87) International Publication No	:WO 2014/066181
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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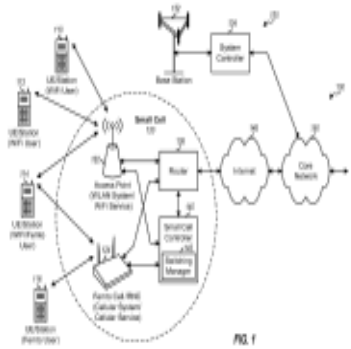
2)ZHOU Yan
3)TINNAKORANSRISUP HAP Peerapol
4)PATEL Chirag Sureshbhai
5)YAVUZ Mehmet

(57) Abstract :
Techniques for switching a user equipment (UE) between wireless systems by first establishing a connection with a target system before disconnecting from a serving system are disclosed. In one design, the UE may initially communicate with a first wireless system (e.g., a WLAN system) of a first radio technology. The UE may receive a page to establish a connection with a second wireless system (e.g., a cellular system) of a second radio technology. The first and second wireless systems may be part of a small cell. The page may be sent by the second wireless system to the UE in response to a decision by a network entity to switch the UE from the first wireless system to the second wireless system. The UE may establish a connection with the second wireless system in response to the page and may thereafter terminate communication with the first wireless system.



No. of Pages : 36 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.787/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RULES ENGINE AS A PLATFORM FOR MOBILE APPLICATIONS

(51) International classification :G06F 1/00, G06N5/04
(31) Priority Document No :61/719876
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064382
Filing Date :10/10/2013
(87) International Publication No :WO 2014/070409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KHUN Lukas Daniel
3)DING Li
4)PATTON Evan
5)AKULA Muralidhar.R
6)DOLTER James William
7)NADA Sanjiv

(57) Abstract :
Disclosed are systems and methods for providing a rules engine as a platform within a portable electronic device. In one embodiment a rules engine platform is provided within a portable electronic device by receiving a plurality of rules for one or more modules of the portable electronic device. Additionally the rules engine platform can receive one or more samples from one or more of the modules within the portable electronic device. The rules engine platform identifies and evaluates one or more relevant rules based on the received sample. The rules engine platform can then determine an action to provide to other modules of the portable electronic device. The rules engine platform may be configured to optimize the performance and power consumption of the portable electronic device.

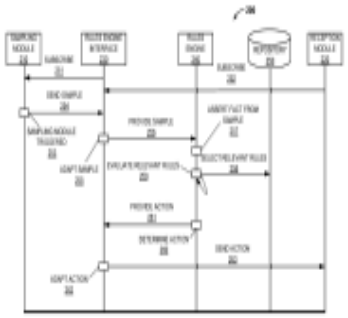

FIG. 2

No. of Pages : 79 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.788/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS DEVICES AND SYSTEMS FOR DETECTING OBJECTS IN A VIDEO

(51) International classification :G06K9/00
(31) Priority Document No :61/700033
(32) Priority Date :12/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059471
Filing Date :12/09/2013
(87) International Publication No :WO 2014/043353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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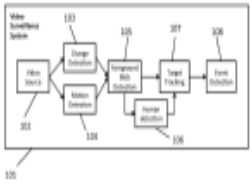
(72)**Name of Inventor :**
1)ZHANG, Zhong
2)YIN, Weihong
3)VENETIANER, Peter

(57) Abstract :
Methods devices and systems for performing video content analysis to detect humans or other objects of interest a video image is disclosed. The detection of humans may be used to count a number of humans to determine a location of each human and/or perform crowd analyses of monitored areas.

Figure 1



No. of Pages : 78 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.845/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING HETEROPHASIC PROPYLENE COPOLYMER AND TALC

(51) International classification :C08L23/10,C08L23/14
(31) Priority Document No :12006582.6
(32) Priority Date :19/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/069295
Filing Date :17/09/2013
(87) International Publication No :WO 2014/044682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HERKLOTS Marc

(57) Abstract :
The invention relates to a process for the preparation of a composition comprising a heterophasic propylene copolymer a propylene copolymer and talc wherein the heterophasic propylene copolymer consists of (a) a propylene based matrix wherein the propylene based matrix consists of a propylene homopolymer and/or a propylene a olefin copolymer consisting of at least 70% by mass of propylene and up to 30% by mass of a olefin based on the total mass of the propylene based matrix wherein the propylene based matrix is present in an amount of 60 to 95wt% based on the total heterophasic propylene copolymer and (b) a dispersed ethylene a olefin copolymer wherein the dispersed ethylene a olefin copolymer is present in an amount of 40 to 5wt% based on the total heterophasic propylene copolymer and wherein the sum of the total amount of propylene based matrix and total amount of the dispersed ethylene a olefin copolymer in the heterophasic propylene copolymer is 00wt% wherein the composition has a desired melt flow index in the range of 1 to 200dg/min as measured according to ISO1133 (2.16 kg/230°C) comprising the steps of (a) melt mixing a propylene copolymer with a talc to obtain a masterbatch (b) melt mixing the masterbatch with 1 the heterophasic propylene copolymer and a peroxide to obtain the composition comprising a heterophasic propylene copolymer a propylene copolymer and talc wherein the amount of peroxide is chosen such that a composition comprising a heterophasic propylene copolymer a propylene copolymer and talc having the desired melt flow index is obtained.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.846/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING HETEROPHASIC PROPYLENE COPOLYMER AND TALC

(51) International classification :C08L23/10,C08L23/14
(31) Priority Document No :12006582.6
(32) Priority Date :19/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/069292
Filing Date :17/09/2013
(87) International Publication No :WO 2014/044680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HERKLOTS Marc
2)STEENBAKKERS MENTING Henrica Norberta Alberta Maria
3)VAN DER VEN Maud Corrina Willie

(57) Abstract :
The invention relates to a Process for the preparation of a composition comprising a heterophasic propylene copolymer and talc wherein the heterophasic propylene copolymer consists of (a) a propylene based matrix wherein the propylene based matrix consists of a propylene homopolymer and/or a propylene a olefin copolymer consisting of at least 70% by mass of propylene and up to 30% by mass of a olefin based on the total mass of the propylene based matrix wherein the propylene based matrix is present in an amount of 60 to 95wt% based on the total heterophasic propylene copolymer and (b) a dispersed ethylene a olefin copolymer wherein the dispersed ethylene a olefin copolymer is present in an amount of 40 to 5wt% based on the total heterophasic propylene copolymer and wherein the sum of the total amount of propylene based matrix and total amount of the dispersed ethylene a olefin copolymer in the heterophasic propylene copolymer is 100wt% wherein the composition has a desired melt flow index in the range of 1 to 200dg/min as measured according to ISO1133 (2.16 kg/230°C) wherein at least part of the talc is surface modified and wherein the amount of talc in the composition is from about 0.5 to at most 5wt% based on the heterophasic propylene copolymer comprising the step of (a) melt mixing the heterophasic propylene copolymer with the talc and a peroxide wherein the amount of peroxide is chosen such that a composition comprising a heterophasic propylene copolymer and talc having the desired melt flow index is obtained.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2406/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIBRATION DETECTION IN THERMOWELLS

(51) International classification :G01K1/00,G01K11/22,G01H17/00
(31) Priority Document No :13/828603
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016454
Filing Date :14/02/2014
(87) International Publication No :WO 2014/158423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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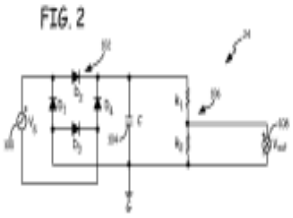
(72)**Name of Inventor :**
1)ENGELSTAD Loren Michael
2)RUD Jason Harold

(57) Abstract :
A sensor system comprises a process transducer a unpowered vibration sensor and a process transmitter. The process transducer is disposed within a thermowell and configured to produce a first sensor signal. The unpowered vibration sensor is configured to produce a second sensor signal reflecting vibration of the thermowell. The process transmitter is configured to receive process and transmit the first and second sensor signals.



No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.790/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EXPOSING HOST OPERATING SYSTEM SERVICES TO AN AUXILLARY PROCESSOR

(51) International classification :G06F9/52,G06F9/54
(31) Priority Document No :61/724378
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063891
Filing Date :08/10/2013
(87) International Publication No :WO 2014/074256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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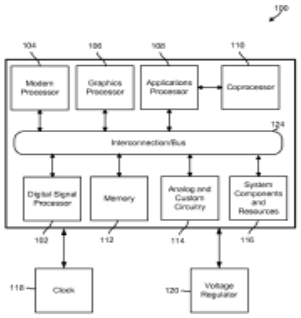
Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)YAKOVENKO, Anatoly E.
2)CHANDRASEKHAR, Ramesh

(57) Abstract :
Aspect methods systems and devices may be configured to perform two way and/or reverse procedure calls in a computing device or across a network to offload the bulk of processing operations from a general purpose processor to an auxiliary processor while perform operations that require access to context information locally on the general purpose processor (e.g. application processor CPU etc.). The two way and/or reverse procedure calls allow an auxiliary processor to perform operations that include subroutines that require access to an application processors or a calling processs context information without requiring the calling process to send the context information to the auxiliary processor (e.g. as part of the procedure call/method invocation etc.).



No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015
(21) Application No.852/MUMNP/2015 A
(43) Publication Date : 27/05/2016

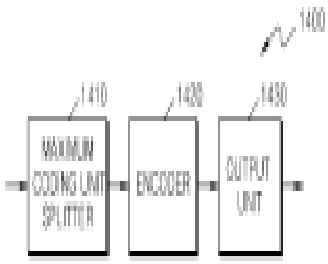
(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION

(51) International classification	:H04N 7/32, H04N 7/00
(31) Priority Document No	:10-2009-0121400
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2010/008735 :08/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1687/MUMNP/2012 :06/07/2012

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE, Sun-Il
2)CHEON, Min-Su
3)HAN, Woo-Jin

(57) Abstract :
Disclosed is a method and apparatus of encoding a video, the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit, with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios, and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

[Fig. 16]



No. of Pages : 50 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.853/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FILLER SUSPENSION AND ITS USE IN THE MANUFACTURE OF PAPER

(51) International classification :D21C9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/059117
Filing Date :05/10/2012
(87) International Publication No :WO 2014/055092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPECIALTY MINERALS (MICHIGAN) INC.
Address of Applicant :30600 Telegraph Road Bingham Farms Michigan 48025 U.S.A.
(72)**Name of Inventor :**
1)LAAKSO Ari-Pekka Juhani
2)HIRVIKOSKI,Lotta Karoliina

(57) Abstract :
Provided herein are filler suspensions comprising swollen cationic starch anionic water soluble polymer and filler particles. Pulp furnishes comprising the filler suspensions and paper comprising the pulp furnish are also provided. Processes for making the filler suspensions and processes for their use in manufacturing paper are also provided.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.854/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SECURITY DEVICE BANK AND SYSTEM INCLUDING THE SECURITY DEVICE BANK

(51) International classification :H04L12/46,B61L27/00,H04L12/22
(31) Priority Document No :61/714202
(32) Priority Date :15/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/002289
Filing Date :11/10/2013
(87) International Publication No :WO 2014/060821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THALES CANADA INC
Address of Applicant :105 Moatfield Drive Toronto Ontario M3B 0A4 Canada
(72)**Name of Inventor :**
1)SIU Joseph

(57) Abstract :
In some embodiments a system includes a trusted network an untrusted network on board equipment on board a moving object one or more first security devices on board the moving object and communicatively connecting the on board equipment and the untrusted network and a security device bank communicatively connecting the trusted network and the untrusted network. The security device bank includes a common bus or the local network and one or more second security devices connected to the common bus or the local network.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3741/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : Disease Diagnosis in Crop using Image Processing

(51) International classification	: G06Q10/00, G06F19/00,	(71)**Name of Applicant :** **1)Sandip foundations Sandip institute of engineering and management**
(31) Priority Document No	:NA	Address of Applicant :Sandip institute of Engineering & Management, Mahiravani, Trimbak road, Nashik, Maharashtra Maharashtra India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72)**Name of Inventor :**
Filing Date	:01/01/1900	**1)ANAND YADAV**
(87) International Publication No	: NA	**2)RANI SHARMA**
(61) Patent of Addition to Application Number	:NA	**3)RUPALI NATHE**
Filing Date	:NA	**4)SHWETA MOTE**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
ABSTRACT Farmers are suffering from the problem rising from various types of plant traits/diseases and this leads to crop spoil if not taken care of at right time. The most significant part of research on plant disease to identify the disease based on CBIR (content based image retrieval) that is mainly concerned with the accurate detection of diseased plant. Gathering enough knowledge and representing it in a machine understandable format is time consuming and difficult job. Image is an easy way of communication without any boundary of language. Hence we develop an image processing tool for disease diagnosis in crop. The automatic image based disease in crops may help farmers in early detection of disease and losses due to the image infestation can be reduced. With the help of this system we, aim to decrease radically the efforts of farmer by putting an expertise solution directly to the farmer in hands. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the flow diagram of the present invention.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.794/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTELLIGENT DUAL DATA RATE (DDR) MEMORY CONTROLLER

(51) International classification :G06F13/16,G06F13/28
(31) Priority Document No :13/672346
(32) Priority Date :08/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063882
Filing Date :08/10/2013
(87) International Publication No :WO 2014/074255
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOVINDRAMAN Ravikumar

(57) Abstract :
Various embodiments include systems methods and devices configured to reduce the amount of information communicated via system buses/fabrics when transferring data to and from one or more memories. A system master component may send a source address and a destination address to a direct memory access controller inside of or adjacent to a memory controller. The direct memory access controller and/or the memory controller may determine whether the source and destination addresses are inside relevant portions of the memory. When both the source and destination are inside the relevant portion of the memory the memory controller may perform a memory to memory data transfer without accessing the system bus.

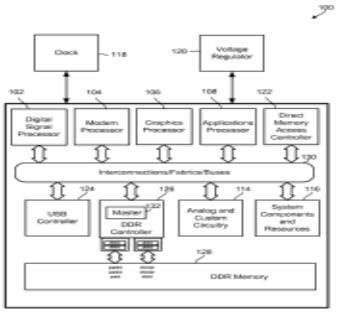

FIG. 1

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.795/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD TO PREVIEW CALLER IN A VIDEO CONFERENCE SESSION

(51) International classification :H04N7/14,H04M3/42
(31) Priority Document No :13/657902
(32) Priority Date :23/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065943
Filing Date :21/10/2013
(87) International Publication No :WO 2014/066250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :170 West Tasman Drive San Jose CA 95134 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)GREVERS Theodore Robert Jr

(57) Abstract :
The concept of caller identification (ID) may be enhanced by taking advantage of video by allowing a call recipient to see who is calling on an incoming video call. The call recipient (120) may be allowed to make a decision to accept or decline the incoming video call based upon who the call recipient sees (i.e. caller 125) e.g. through a live video stream attempting to contact the call recipient. The video call is set up as a two way call however only a one way video stream allowing video and audio to be transmitted from the caller (125) to the called party (120) is performed when a preview is requested. No video or audio is transmitted in the reverse direction. Only upon concent by the called party after the preview is the video call continued as a two way call.

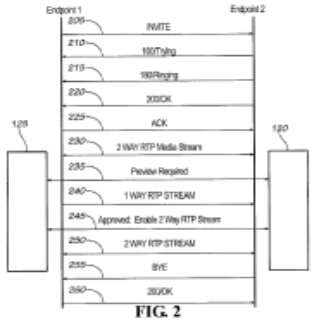


FIG. 2

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

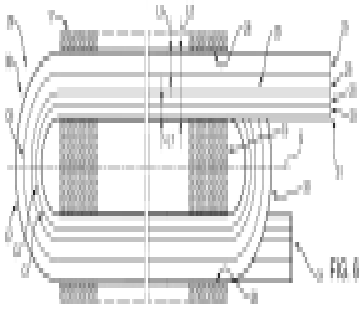
(21) Application No.860/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACTIVE ASSEMBLY OF A WIND TURBINE ROTATING ELECTRIC MACHINE

(51) International classification :H02K3/28,H02K3/18,H02K7/18
(31) Priority Document No :MI2012A001568
(32) Priority Date :20/09/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/058713
Filing Date :20/09/2013
(87) International Publication No:WO 2014/045246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WINDFIN B.V.
Address of Applicant :38 Waaier NL 2451 VW Leimuiden Netherlands
(72)**Name of Inventor :**
1)SCUOTTO,Mattia

(57) Abstract :
An active assembly (29) of a wind turbine rotating electric machine has a magnetic guide having at least two slots (28) separated by a tooth (19) with a plane of symmetry (S); and a coil (20) formed by a plurality of electric conductors, each with a substantially rectangular cross section and wound repeatedly about the tooth (19) to fill the slots (28) and form two heads (30) close to the opposite ends of the tooth (19); the width (L1; L3) of each electric conductor being less than a third of the distance (D) between the electric conductor (25) and the plane of symmetry (S).



No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2399/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CATALYTIC CONVERSION OF ALCOHOLS TO HYDROCARBONS WITH LOW BENZENE CONTENT

(51) International classification :B01J29/80,B01J29/40,B01J29/18
(31) Priority Document No :13/787112
(32) Priority Date :06/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/020154
Filing Date :04/03/2014
(87) International Publication No :WO 2014/137991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UT BATTELLE LLC
Address of Applicant :One Bethel Valley Road Oak Ridge Tennessee 37831 6528 U.S.A.
(72)**Name of Inventor :**
1)NARULA Chaitanya K.
2)DAVISON Brian H.
3)KELLER Martin

(57) Abstract :
A method for converting an alcohol to a hydrocarbon fraction having a lowered benzene content the method comprising: converting said alcohol to a hydrocarbon fraction by contacting said alcohol under conditions suitable for converting said alcohol to said hydrocarbon fraction with a metal loaded zeolite catalyst catalytically active for converting said alcohol to said hydrocarbon fraction and contacting said hydrocarbon fraction with a benzene alkylation catalyst under conditions suitable for alkylating benzene to form alkylated benzene product in said hydrocarbon fraction. Also described is a catalyst composition useful in the method comprising a mixture of (i) a metal loaded zeolite catalyst catalytically active for converting said alcohol to said hydrocarbon and (ii) a benzene alkylation catalyst in which (i) and (ii) may be in a mixed or separated state. A reactor for housing the catalyst and conducting the reaction is also described.

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.802/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF CONTAMINATED LOW RANK COAL FOR COMBUSTION

(51) International classification :F01K1/00,C10L9/08,C10L5/36
(31) Priority Document No :61/708104
(32) Priority Date :01/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062334
Filing Date :27/09/2013
(87) International Publication No :WO 2014/055365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SIRDESHPANDE Avinash
2)KECKLER,Kenneth P
3)ROBINSON Earl T
4)RAMAN Pattabhi K.

(57) Abstract :
The present invention relates generally to processes for preparing an inorganic sodium and/or chlorine contaminated low rank coal feedstock for combustion in a fluidized fuel combustor to generate steam and desirably co generate electricity.

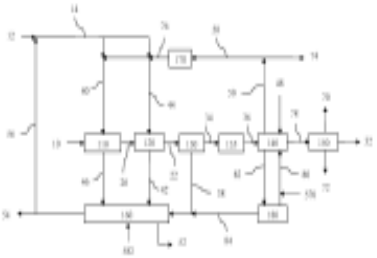

FIGURE 1

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015
(21) Application No.803/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AGGLOMERATED PARTICULATE LOW RANK COAL FEEDSTOCK AND USES THEREOF

(51) International classification :C10L5/36,C10L5/10
(31) Priority Document No :61/708104
(32) Priority Date :01/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062184
Filing Date :27/09/2013
(87) International Publication No :WO 2014/055349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROBINSON Earl T
2)KECKLER,Kenneth P
3)RAMAN Pattabhi K.
4)SIRDESHPANDE Avinash

(57) Abstract :
The present invention relates generally to processes for preparing agglomerated particulate low rank coal feedstocks of a particle size suitable for reaction in a fluidized bed reactor and certain other gasification reactors and in particular for coal gasification and combustion applications. The present invention also relates to integrated coal gasification and combustion processes including preparing and utilizing such agglomerated particulate low rank coal feedstocks.

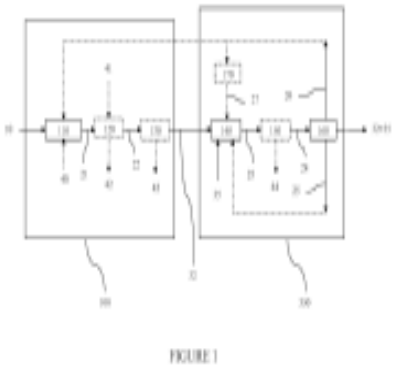

FIGURE 1

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.865/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRICAL EQUIPMENT INCLUDING A CONDUCTOR MOUNTING BETWEEN TWO CASING PORTIONS

(51) International classification :H02G5/06
(31) Priority Document No :12 60027
(32) Priority Date :22/10/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/071991
Filing Date :21/10/2013
(87) International Publication No :WO 2014/064056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CARON, Adrien
2)LARUELLE ELODIE
3)GIUSTI ALEXANDRE
4)BERNARD MATHIEU
5)MULLER BENJAMIN
6)TREIER LUKAS

(57) Abstract :
The invention relates to an insulating mounting (20) for an electrical conductor contained in aligned portions (34 35) of a casing which mounting is held in a recess (39) defined by the connecting flanges (36 37) of the casing portions (34 35) said flanges having surfaces (38) that make contact around the periphery (24) of the mounting (20). A single seal (41) is sufficient to prevent the atmosphere of the casing from leaking out thus simplifying the structure of the equipment while protecting the mounting (20) relative to the outside. The invention is suitable for use in high and medium voltage electrical appliances.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.866/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUORINE SUBSTITUTED CYCLIC AMINE COMPOUNDS AND PREPARATION METHODS PHARMACEUTICAL COMPOSITIONS AND USES THEREOF

(51) International classification	:C07D211/38,C07D405/06,C07D451/04
(31) Priority Document No	:201210418613.8
(32) Priority Date	:26/10/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/085356 :17/10/2013
(87) International Publication No	:WO 2014/063587
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIU Hong
2)ZHANG Haiyan
3)ZHOU Yu
4)FU Yan
5)JIANG Hualiang
6)TANG Xican
7)CHEN Kaixian

(57) Abstract :
The present invention relates to the field of pharmaceutical chemistry and pharmacotherapeutics and in particular to compounds of general formula I racemates R isomers S isomers and pharmaceutically acceptable salts thereof and their mixtures and the preparation methods thereof and a pharmaceutical composition containing the compounds and uses thereof as an acetylcholine esterase inhibitor.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3751/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PALLADIUM FREE FOSAPREPITANT DIMEGLUMINE

(51) International classification	:C07D413/02, A61K31/675
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(72)**Name of Inventor :**
1)Shinde, Pravin
2)Yadav, Ramprasad
3)Merwade, Arvind Yekanathsa
4)Deo, Keshav

(57) Abstract :
The present invention relates to Palladium-free Fosaprepitant Dimeglumine, having Palladium content is below level of detection and its process for preparation. The process for preparing Palladium-free Fosaprepitant Dimeglumine involves the reaction of dibenzyl ester of Fosaprepitant with N-methyl D-glucamine using 2.5 % w/w Pd/C and 2.5 % w/w silica as palladium scavenger.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.867/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI OVER TIGHTENING BONE SCREW FIXING ARRANGEMENT

(51) International classification :A61B17/80,A61B17/70,A61B17/86
(31) Priority Document No :12007011.5
(32) Priority Date :10/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/069584
Filing Date :20/09/2013
(87) International Publication No :WO 2014/056704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FACET LINK INC.
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(72)**Name of Inventor :**
1)JENSEN Harm Iven

(57) Abstract :
A fixing arrangement comprises a retaining element (2) and a clamping sleeve (3) which receives a bone screw (1). The bone screw has a head (13) and a secondary thread (12) and is pivotally mounted in the clamping sleeve. The clamping sleeve has a radially protruding section (34) on the outer casing (30) of the clamping sleeve and at least one track of a clamping thread (32) which complements the secondary thread in the interior (31) of the clamping sleeve. In the unclamped state a free path is formed by a clearance on the clamping sleeve. A protruding section (34) is provided which engages into an opening (24) on the receiving seat (23) in a formfitting manner and the thickened section (15) is shaped so as to expand towards the rear in the form of a cone. The cone angle (3) is selected such that the free path divided by the tangent of the half cone angle (tan /2) corresponds to 0.5 to 2.5 times the thread pitch (h) of the secondary thread. By means of the cone angle selected in this manner the clearance disappears after tightening by a specified tightening angle.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.868/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DENTAL FURNACE

(51) International classification :A61C13/20,F27B17/02
(31) Priority Document No :13151340.0
(32) Priority Date :15/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/050516
Filing Date :13/01/2014
(87) International Publication No :WO 2014/111350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GRUNENFELDER Robert
2)KETTNER Philipp
3)BURKE Harald

(57) Abstract :
The invention relates to a dental furnace in particular a kiln or pressing furnace for firing or pressing a dental restoration component which can be received in the furnace after preheating in a preheating furnace as applicable and can be placed on an underlay in particular centrally thereupon wherein the dental furnace has a combustion chamber having a diameter which is greater than in particular at least twice as large as the largest dental restoration component to be fired and having a control device and a control unit on or for the dental furnace (10) wherein the size and/or the weight and/or the quantity of dental restoration component(s) (18) to be fired or pressed is adjustable in units via the control unit (26).

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.869/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COLOR DISPLAY DEVICE

(51) International classification :G09F9/00,G09F9/30
(31) Priority Document No :13/633788
(32) Priority Date :02/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062915
Filing Date :01/10/2013
(87) International Publication No :WO 2014/055551
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)E INK CALIFORNIA LLC
Address of Applicant :47485 Seabridge Drive Fremont California 94538 U.S.A.
(72)**Name of Inventor :**
1)WANG MING
2)LI YU
3)DU HUI
4)ZHANG XIAOJIA
5)LIN CRAIG

(57) Abstract :
The present invention provides a solution for a highlight or multicolor display device in which each display cell can display high quality color states. More specifically an electrophoretic fluid is provided which comprises a first type of pigment particles a second type of pigment particles and a third type of pigment particles all of which are dispersed in a solvent or solvent mixture wherein the first type of pigment particles and the second type of pigment particles carry opposite charge polarities; the third type of pigment particles has the same charge polarity as the second type of pigment particles but at a lower intensity; and the second type of pigment particles has a threshold voltage.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015
(21) Application No.809/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RETAINING NET FOR INSTALLATION ON A FASTENING SURFACE

(51) International classification :B60P7/08
(31) Priority Document No :20 2012 009 544.7
(32) Priority Date :05/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/002825
Filing Date :19/09/2013
(87) International Publication No :WO 2014/053219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)N–LLE PEPIN GMBH & CO. KG
Address of Applicant :Am Damm 8 58332 Schwelm Germany
Germany
(72)**Name of Inventor :**
1)EMDE Mark

(57) Abstract :
In the case of a retaining net for installation on a fastening surface an elastic net part is provided the net meshes of which are formed by assemblages of strands running at an inclination to one another and each having a plurality of net strands. In order to configure such a retaining net in such a manner that in the fitted state of the retaining net or of the net part a more uniform mesh structure is achieved than in the prior art and sagging at the edges is very substantially avoided it is proposed that in the non fitted state of the net part the net meshes in the edge regions of the net part are smaller than in central regions of same and that in the fitted state of the net part the net meshes are the same size in the edge regions and in the central regions of said net part.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.875/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BICYCLIC HETEROCYCLE COMPOUNDS AND THEIR USES IN THERAPY

(51) International classification :C07D403/14,C07D471/04,C07D519/00
(31) Priority Document No :61/716084
(32) Priority Date :19/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/052723
Filing Date :18/10/2013
(87) International Publication No :WO 2014/060770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASTEX THERAPEUTICS LIMITED
Address of Applicant :436 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0QA U.K.
(72)**Name of Inventor :**
1)CHESSARI Gianni
2)JOHNSON Christopher Nobert
3)PAGE Lee William
4)BUCK Ildiko Maria
5)DAY James Edward Harvey
6)HOWARD Steven
7)SAXTY Gordon
8)MURRAY Christopher William

(57) Abstract :
The invention relates to new bicyclic heterocycle compounds of formula (I): to pharmaceutical compositions comprising said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.

No. of Pages : 231 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015
(21) Application No.876/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STAINLESS STEEL CLAD STEEL PLATE HAVING EXCEPTIONAL CORROSION RESISTANCE TO SEAWATER

(51) International classification :C22C38/00,C22C38/58
(31) Priority Document No :2012265883
(32) Priority Date :05/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/007134
Filing Date :04/12/2013
(87) International Publication No :WO 2014/087651
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KISHI Keiichiro
2)YAZAWA Yoshihiro
3)TACHIBANA Shunichi
4)KURONUMA Yota
5)SUEYOSHI HITOSHI

(57) Abstract :
The invention provides a stainless cladding steel plate having excellent sea water corrosion resistance that satisfies both corrosion resistance and mechanical properties. The stainless cladding steel plate with excellent sea water corrosion resistance includes a cladding metal including, in mass%, C: not more than 0.030%, Si: 0.02 to 1.50%, Mn: 0.02 to 2.0%, P: not more than 0.040%, S: not more than 0.030%, Ni: 22.0 to 25.0%, Cr: 22.0 to 26.0%, Mo: 3.5 to 5.0% and N: 0.10 to 0.25%, the balance being Fe and inevitable impurities, the cladding metal satisfying the relation (1) below, the cladding metal being such that the amounts of chromium and molybdenum present as precipitates in the steel are not more than 0.3 mass% and not more than 0.2 mass%, respectively, $Cr + 3.3Mo + 16N > 40$ (1) wherein the chemical symbols indicate the amounts in mass% of the respective elements.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015
(21) Application No.877/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODIFYING VIRTUAL OBJECT DISPLAY PROPERTIES

(51) International classification :G06T19/00
(31) Priority Document No :61/725708
(32) Priority Date :13/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065993
Filing Date :21/10/2013
(87) International Publication No :WO 2014/078018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PANDEY Umesh K
2)SRINIVASAN Chandrasekar

(57) Abstract :
Various arrangements for organizing virtual objects within an augmented reality display are presented. A display may be provided and configured to present a virtual field of view having multiple virtual objects superimposed on a real world scene. Priorities may be assigned to multiple regions of the virtual field of view based on real world objects present within the real world scene. A priority of a region of the multiple regions may be based on one or more real world objects identified in the region. The multiple virtual objects may be displayed within the virtual field of view arranged based on the prioritized multiple regions.

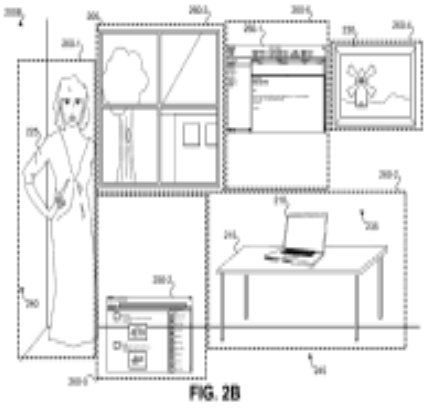

FIG. 2B

No. of Pages : 57 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2015

(21) Application No.2389/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIGHTING DEVICE AND METHOD FOR MANAGING A LIGHTING SYSTEM

(51) International classification :H05B33/08,H05B37/02
(31) Priority Document No :13382049.8
(32) Priority Date :19/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/053233
Filing Date :19/02/2014
(87) International Publication No :WO 2014/128162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIGHTING INTELLIGENCE S.L.
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(72)**Name of Inventor :**
1)TEY PONS Francisco Javier
2)PORTELL GUARCH Jaume

(57) Abstract :
The present invention relates to a lighting device which comprises a plurality of lighting elements (10) and is characterized in that it comprises: at least one sensor (3) receiving sensory stimuli from an establishment; and control means (2) connected with said at least one sensor (3) and with said lighting elements (10) such that said control means (2) send lighting management instructions to said lighting elements (10) depending on the captured and processed information. It also relates to a method for managing a lighting system. The present invention allows managing lighting in an intelligent manner for example by lighting with greater intensity the areas of an establishment where there are more people or the areas where greater attention is needed but are not visited often enough or in any other suitable manner depending on the information provided by the implemented sensory metrics or other independent business rules.

No. of Pages : 24 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2015

(21) Application No.2390/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE DEVICE POWER MANAGEMENT WHILE PROVIDING LOCATION SERVICES

(51) International classification :H04W52/02,G01S19/34
(31) Priority Document No :61/804477
(32) Priority Date :22/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/031433
Filing Date :21/03/2014
(87) International Publication No :WO 2014/153504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)MORRISON William James
2)WERNER Benjamin A.
3)CZOMPO Joseph
4)RUUSKA Vesa Veikko
5)JIA Tao
6)RILEY Wyatt Thomas
7)BHATIA Ashok

(57) Abstract :
The disclosure is related to managing power consumption of a user equipment (UE) while providing location services. An aspect determines whether a given sensor configuration of a plurality of sensor configurations minimizes power consumption of the UE wherein a sensor configuration comprises a set of values for a set of one or more sensor parameters controllable by the UE and based upon the determining sets the set of one or more sensor parameters to the given sensor configuration.

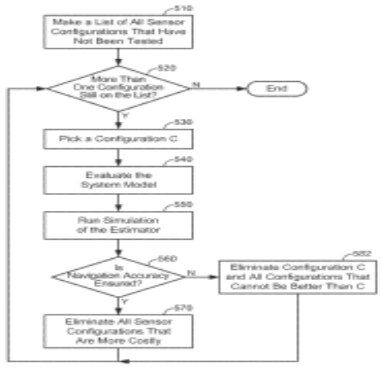

FIG. 5

No. of Pages : 51 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.819/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF PUMPING HYDROCARBONS

(51) International classification	:E21B43/12,E21B43/30,E21B36/00
(31) Priority Document No	:1219547.5
(32) Priority Date	:31/10/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2013/052773 :24/10/2013
(87) International Publication No	:WO 2014/068286
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HIVIS PUMPS AS
Address of Applicant :Fabrikkvelen 9 4033 Stavanger Norway
(72)**Name of Inventor :**
1)SIMPSON Alastair

(57) Abstract :
A method of pumping a hydrocarbon fluid from a wellbore (4) and a hydrocarbon completion (1) implementing the methodology is described. The method comprises deploying a tubing string (7) and a first pump system (15) in fluid communication with the tubing string within a wellbore. The first pump system is employed to generate a production fluid (17) by heating the hydrocarbon fluid as it is pumped into the tubing string so as to form a counter current heat exchanger between the production fluid within the tubing string and the hydrocarbon fluid located within the wellbore. The counter current heat exchanger provides a means for preheating the hydrocarbon fluid before it reaches the first pump system. As a result the viscosity of the hydrocarbon fluid is reduced thus making it easier to pump to the surface. The method finds particular application within horizontal high angle or vertical wells in heavy or extra heavy oil fields.

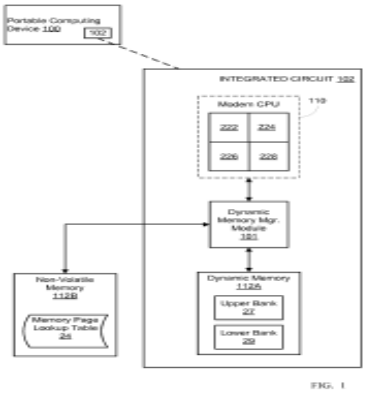

FIG. 1

No. of Pages : 28 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.883/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FORMULATIONS INVOLVING SOLVENT/DETERGENT TREATED PLASMA (S/D PLASMA) AND USES THEREOF

(51) International classification	:A61K31/728,C08B37/00,A61P19/00
(31) Priority Document No	:12186027.4
(32) Priority Date	:26/09/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/070085 :26/09/2013
(87) International Publication No	:WO 2014/049063
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)BASTIANELLI ENRICO
2)ALBARANI VALENTINA

(57) Abstract :
The invention concerns pharmaceutical formulations comprising solvent/detergent (S/D) treated plasma and a glycosaminoglycan such as hyaluronic acid and their use for treating diseases particularly musculoskeletal diseases.

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.779/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TERMINAL CONTROLLING METHOD AND TERMINAL THEREFOR

(51) International classification :G06F1/32,H04B1/40
(31) Priority Document No :1020120101797
(32) Priority Date :13/09/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008220
Filing Date :13/09/2013
(87) International Publication No :WO 2014/042429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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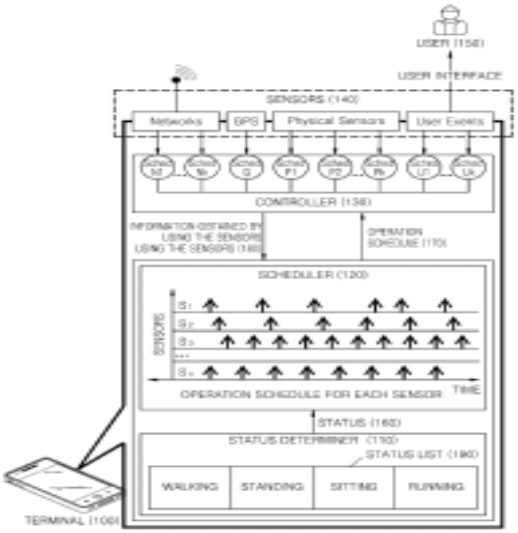
(72)**Name of Inventor :**
1)YI-SANG-HO
2)LEE Yoon-Kyung
3)SHIN Jae-hyuck
4)CHOI,Hyun-jin

(57) Abstract :
A method of controlling a terminal is provided. The method includes determining a current status of at least one of the terminal and a peripheral environment of the terminal based on information obtained by using at least one sensor from a predetermined list of a plurality of statuses regarding the terminal or the peripheral environment of the terminal determining an operation schedule of the at least one sensor based on the determined current status and the information obtained by using the at least one sensor and controlling the at least one sensor to operate based on the determined operation schedule.



No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.840/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, BASED ON HIERARCHICAL STRUCTURE OF CODING UNIT

(51) International classification :H04N 7/00
(31) Priority Document No :10-2009-0101191
(32) Priority Date :23/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007257
Filing Date :22/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1224/MUMNP/2012
Filed on :16/05/2012

(71)**Name of Applicant :**
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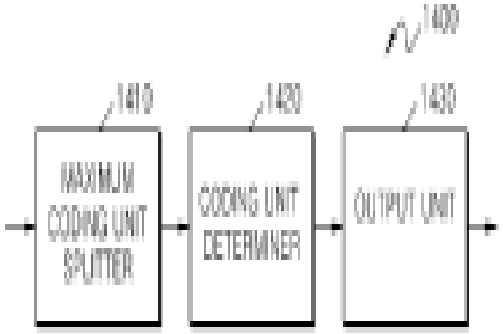
(72)**Name of Inventor :**
1)HAN, Woo-Jin
2)MIN, Jung-Hye
3)KIM, Il-Koo

(57) Abstract :
A method for encoding video data includes: splitting a current picture into at least one maximum coding unit; determining a coded depth to output an encoding result by encoding at least one split region of the at least one maximum coding unit according to operating mode of coding tool, respectively, based on a relationship among a depth of at least one coding unit of the at least one maximum coding unit, a coding tool, and an operating mode; and outputting a bitstream including encoded video data of the coded depth, information regarding a coded depth of at least one maximum coding unit, information regarding an encoding mode, and information regarding the relationship.

[Fig. 16]



No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.841/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, BASED ON HIERARCHICAL STRUCTURE OF CODING UNIT

(51) International classification :H04N 7/00
(31) Priority Document No :10-2009-0101191
(32) Priority Date :23/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007257
Filing Date :22/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1224/MUMNP/2012
Filed on :16/05/2012

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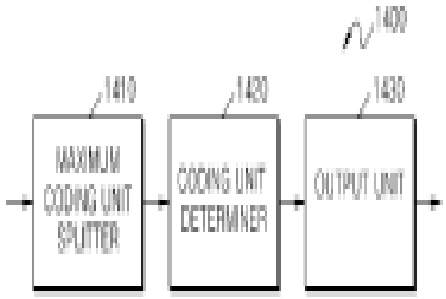
(72)**Name of Inventor :**
1)HAN, Woo-Jin
2)MIN, Jung-Hye
3)KIM, Il-Koo

(57) Abstract :
A method for encoding video data includes: splitting a current picture into at least one maximum coding unit; determining a coded depth to output an encoding result by encoding at least one split region of the at least one maximum coding unit according to operating mode of coding tool, respectively, based on a relationship among a depth of at least one coding unit of the at least one maximum coding unit, a coding tool, and an operating mode; and outputting a bitstream including encoded video data of the coded depth, information regarding a coded depth of at least one maximum coding unit, information regarding an encoding mode, and information regarding the relationship.

[Fig. 16]



No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015

(21) Application No.904/MUMNP/2015 A
(43) Publication Date : 27/05/2016

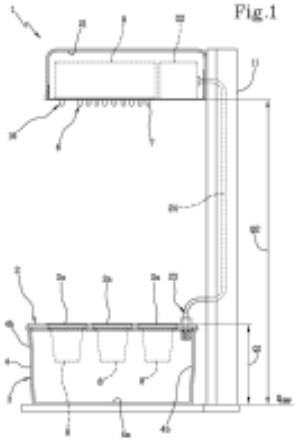
(54) Title of the invention : DEVICE FOR DOMESTIC HYDROPONIC CULTIVATION

(51) International classification :A01G7/04,A01G9/20,A01G9/24
(31) Priority Document No :MI2012A002055
(32) Priority Date :30/11/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/060482
Filing Date :28/11/2013
(87) International Publication No:WO 2014/083532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GALAXY COLOR S.R.L.
Address of Applicant :Via del Ricordo 51 I 20128 Milano Italy
(72)**Name of Inventor :**
1)GALASSI Richard Mario Harley

(57) Abstract :
A device (1) for domestic hydroponic cultivation comprising a reservoir (3) for containing a nutrient fluid for at least one plant and that is positioned at a predetermined reference height (Qref); a support (2) configured to receive the at least one plant and removably associated with the upper part of the reservoir (3) at a first height (Ql) that is higher than the predetermined reference height (Qref); a pump (22) associated with the reservoir (3) and positioned at a second height (Q2) that is higher than the first height (Q1) and the predetermined reference height (Qref); a bubbler (23) associated with the support (2) substantially at the first height (01); lighting means (6) associated with the support (2) configured to illuminate the at least one plant and comprising a plurality of LEDs (13 14).

Fig.1



No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.784/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL BENZYL SULFONAMIDE COMPOUNDS USEFUL AS MOGAT 2 INHIBITORS

(51) International classification :C07D309/00,C07D311/00,C07D217/00
(31) Priority Document No :12382431.0
(32) Priority Date :06/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/067466
Filing Date :30/10/2013
(87) International Publication No :WO 2014/074365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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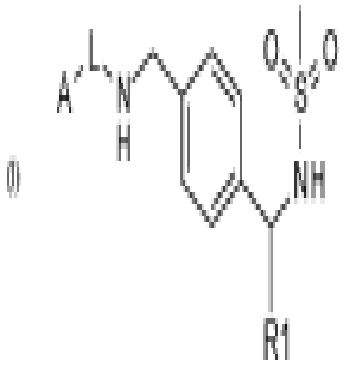
3)GRUBER Joseph Michael
4)STACK Douglas Richard

(57) Abstract :
The present invention provides compounds of Formula I. Wherein Rl L and A are as described herein or a pharmaceutical salt thereof processes for preparing the compounds and methods of treating a condition such as hypertriglyceridemia using the compounds.



No. of Pages : 51 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.785/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ESTIMATING THE GRAVITY VECTOR IN A WORLD COORDINATE SYSTEM USING AN ACCELEROMETER IN A MOBILE DEVICE

(51) International classification :G06F1/16,G06F3/0346,G01P21/00
(31) Priority Document No :61/722087
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064172
Filing Date :09/10/2013
(87) International Publication No :WO 2014/070399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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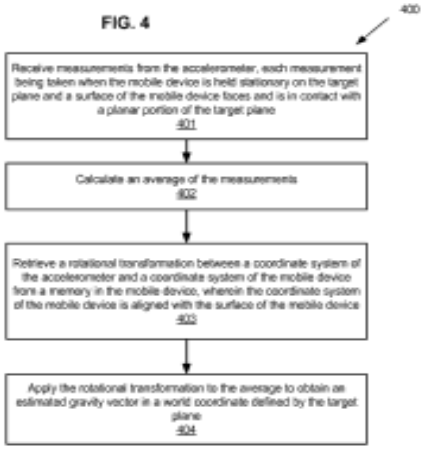
(72)**Name of Inventor :**
1)RAMANANDAN Arvind
2)RAMCHANDRAN Mahesh
3)BURNER Christopher
4)CHARI Murli Ramaswami

(57) Abstract :
An accelerometer located within a mobile device is used to estimate a gravity vector on a target plane in a world coordinate system. The accelerometer makes multiple measurements each measurement being taken when the mobile device is held stationary on the target plane and a surface of the mobile device faces and is in contact with a planar portion of the target plane. An average of the measurements is calculated. A rotational transformation between an accelerometer coordinate system and a mobile devices coordinate system is retrieved from a memory in the mobile device where the mobile devices coordinate system is aligned with the surface of the mobile device. The rotational transformation is applied to the averaged measurements to obtain an estimated gravity vector in a world coordinate system defined by the target plane.



No. of Pages : 25 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.850/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION

(51) International classification	:H04N 7/32, H04N 7/00
(31) Priority Document No	:10-2009-0121400
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2010/008735 :08/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1687/MUMNP/2012 :06/07/2012

(71)**Name of Applicant :**
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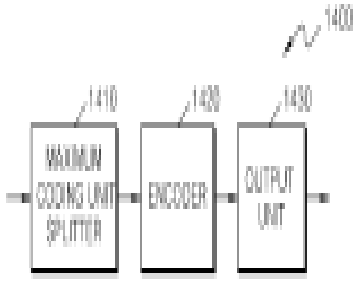
(72)**Name of Inventor :**
1)LEE, Sun-Il
2)CHEON, Min-Su
3)HAN, Woo-Jin

(57) Abstract :
Disclosed is a method and apparatus of encoding a video, the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit, with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios, and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

[Fig. 16]



No. of Pages : 51 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015
(21) Application No.851/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION

(51) International classification	:H04N 7/32, H04N 7/00
(31) Priority Document No	:10-2009-0121400
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2010/008735 :08/12/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1687/MUMNP/2012 :06/07/2012

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
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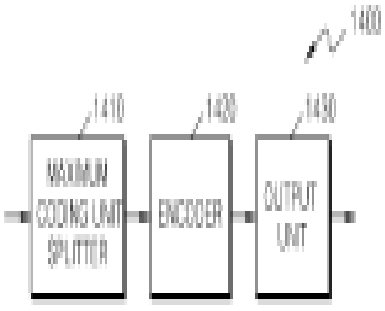
(72)**Name of Inventor :**
1)LEE, Sun-Il
2)CHEON, Min-Su
3)HAN, Woo-Jin

(57) Abstract :
Disclosed is a method and apparatus of encoding a video, the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit, with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios, and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

[Fig. 16]



No. of Pages : 51 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.911/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL TRIAZOLOPYRAZINE DERIVATIVE AND USE THEREOF

(51) International classification :C07D487/04,A61K31/4985,A61P35/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2013/008740
Filing Date :30/09/2013
(87) International Publication No :WO 2015/046653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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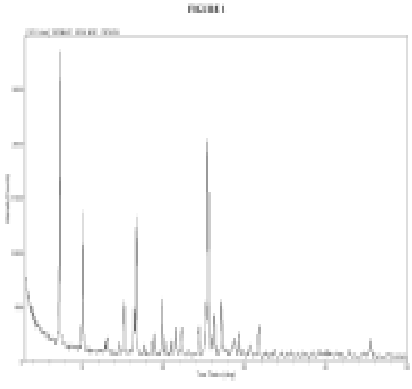
3)CHO SUNG YUN
4)KIM HYOUNG RAE
5)LEE KWANG HO
6)CHOI SANG UN
7)PARK CHI HOON
8)LEE CHONG OCK

(57) Abstract :
The present invention relates to a novel triazolopyrazine derivative or a pharmaceutically acceptable salt thereof; to a pharmaceutical composition containing the same as an active ingredient for inhibiting c Met tyrosine kinase activity; and to a pharmaceutical composition for preventing or alleviating a hyper proliferative disorder. The present invention efficiently inhibits c Met tyrosine kinase activity and thus can be useful as a therapeutic agent against various hyper proliferative disorders associated with excessive cellular proliferation and growth due to abnormal kinase activity for example cancer psoriasis rheumatoid arthritis or diabetic retinopathy.



No. of Pages : 109 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2014

(21) Application No.3720/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR MONITORING CABLE HEALTH

(51) International classification :A61B5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :1/18 Shivshankar Complex, Shivteerth Nagar, Paud Road, Pune 411038, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)NENE, Apoorv

(57) Abstract :
The present disclosure relates to the field of cable monitoring. More particularly, the present disclosure relates to an apparatus, method, and system for monitoring health of a cable. In an aspect, the present disclosure relates to a system for determining health of a cable, wherein system can include a pre-calibrated voltage supply module configured to apply a preconfigured voltage to the cable, a resistance measurement module configured to compute resistance for the cable based on the applied preconfigured voltage and current passing through the cable; and a resistance-based health determination module configured to determine health of the cable based on the computed resistance.

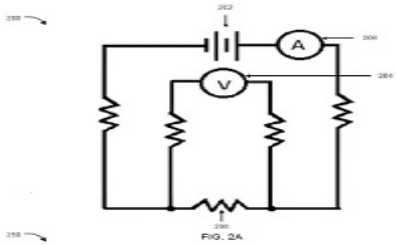

FIG. 2A

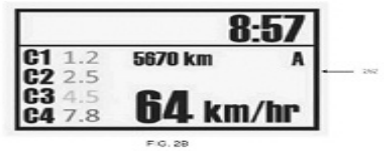

FIG. 2B

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.3721/MUM/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTEGRATED PRODUCTION OF PHYTOCHEMICAL RICH PLANT PRODUCTS OR ISOLATES FROM GREEN VEGETATION

(51) International classification	: A61K36/13, A61K36/11,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2070/MUM/2006
Filed on	:28/12/2006

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2)SAVANGIKAR, Vasant Anantrao
(72)**Name of Inventor :**
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2)SAVANGIKAR, Vasant Anantrao

(57) Abstract :
ABSTRACT Invention provides improvement in process of green crop fractionation to provide a route for production of novel phytochemical compositions or ingredients containing natural products contained in green plant material. Primary products of green crop fractionation produced in conventional process are fractionated further by using processes of oil extraction, aqueous acid extraction, aqueous alkali extraction, solvent extraction or are modified further in their form leading to products that are enriched in either oil soluble phytochemicals or water soluble phytochemicals. Most of these products can be used for human consumption directly or as an ingredient of a composition with a minimal further processing. Choice exists of using a process that totally avoids use of volatile organic solvents.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.789/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD FOR ALIGNING A MOBILE DEVICE SURFACE WITH THE COORDINATE SYSTEM OF A SENSOR

(51) International classification :G01P21/00,G01C25/00
(31) Priority Document No :61/722084
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066169
Filing Date :22/10/2013
(87) International Publication No :WO 2014/070524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)RAMACHANDRAN, Mahesh
2)RAMANANDAN, Arvind
3)BRUNNER, Christopher
4)CHARI, Murali Ramaswamy

(57) Abstract :
An accelerometer in a mobile device is calibrated by taking multiple measurements of acceleration vectors when the mobile device is held stationary at different orientations with respect to a plane normal. A circle is calculated that fits respective tips of measured acceleration vectors in the accelerometer coordinate system. The radius of the circle and the lengths of the measured acceleration vectors are used to calculate a rotation angle for aligning the accelerometer coordinate system with the mobile device surface. A gyroscope in the mobile device is calibrated by taking multiple measurements of a rotation axis when the mobile device is rotated at different rates with respect to the rotation axis. A line is calculated that fits the measurements. The angle between the line and an axis of the gyroscope coordinate system is used to align the gyroscope coordinate system with the mobile device surface.

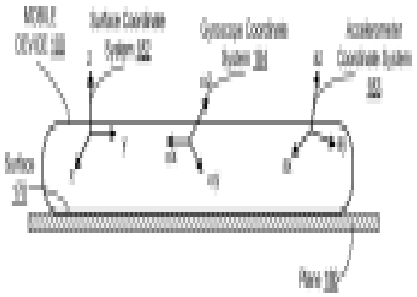

FIG. 1B

No. of Pages : 33 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2015

(21) Application No.910/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FINAFLOXACIN SUSPENSION COMPOSITIONS

(51) International classification :A61K31/5383,A61K9/00
(31) Priority Document No :61/734268
(32) Priority Date :06/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071397
Filing Date :22/11/2013
(87) International Publication No :WO 2014/088838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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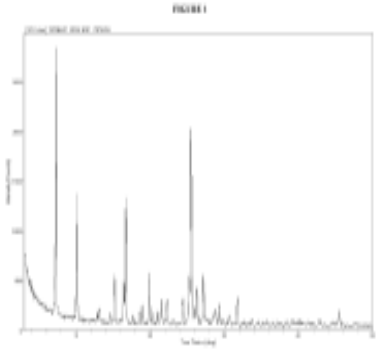
2)BRIDLE Mark J.
3)HUYNH,Bryan H.
4)GHOSH Malay
5)CHOWHAN Masod,A.
6)ALANI Laman
7)KABRA Bhagwati P.

(57) Abstract :
The present invention relates to methods for treating an ophthalmic otic or nasal infection comprising treating the infected tissue with a suspension composition comprising finafloxacin or a finafloxacin derivative. The present invention also relates to antimicrobial compositions comprising finafloxacin free base or a finafloxacin derivative. The compositions are suitable for the treatment of ophthalmic otic or nasal infections.



No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.798/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRIC MOTOR

(51) International classification :H02K5/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/078070
Filing Date :30/10/2012
(87) International Publication No :WO 2014/068683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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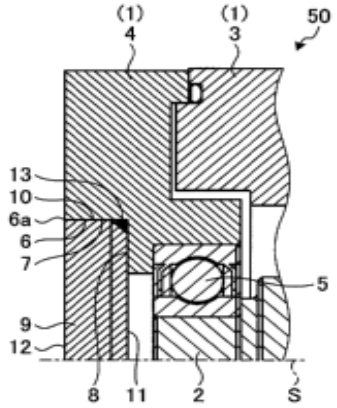
(72)**Name of Inventor :**
1)NISHIJIMA Daisuke
2)HASEGAWA Haruyuki

(57) Abstract :
The purpose of the present invention is to obtain an electric motor (50) which enables an improvement in environmental friendliness while preventing the increase of the total length thereof. An electric motor (50) is the electric motor (50) provided with a shaft portion (2) rotating about a rotating shaft (S) and a casing (1) housing at least part of the shaft portion (2). In the casing (1) a through hole (6) formed in a position overlapping the rotating shaft (S) is formed. The through hole (6) is closed by screwing a setscrew (9) thereinto. An O ring (13) is inserted between the casing (1) and the setscrew (9) to prevent the entry of water and dust into the casing (1).



No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.799/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ROOF INSTALLATION SUPPORT FIXING DEVICE AND ROOF INSTALLATION SYSTEM

(51) International classification :F24J2/52
(31) Priority Document No :12191266.1
(32) Priority Date :05/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072959
Filing Date :04/11/2013
(87) International Publication No :WO 2014/068120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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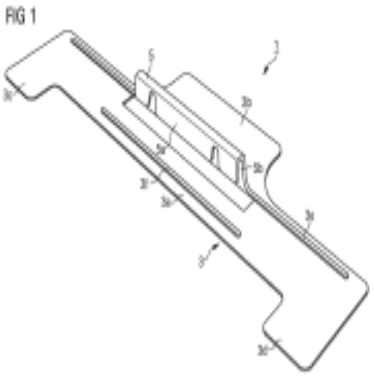
(72)**Name of Inventor :**
1)BLEIBLER Alexander
2)HUBSCHER Peter
3)MEIER Heinz
4)ROHRER Hans

(57) Abstract :
The invention relates to a roof installation support fixing device in particular a support for a solar technology plant comprising a base plate section which is at least flexible in some sections and an essentially rigid profiled section which protrudes out from the base plate section said profiled section being designed to engage and fix in a form fitting manner a profiled section of the roof installation support.



No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.859/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NEW ANTIBACTERIAL COMPOUNDS AND BIOLOGICAL APPLICATIONS THEREOF

(51) International classification :C07F9/09,A61K31/661,A61P31/04
(31) Priority Document No :12306350.5
(32) Priority Date :29/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072526
Filing Date :28/10/2013
(87) International Publication No :WO 2014/067904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GERUSZ,Vincent
3)MOREAU Francois
4)HENRYON Vivien
5)MONBRUN Jeromi
6)AIRIAU Etienne

(57) Abstract :
The invention relates to compounds of formulae (Ia) (Ib) or (Ic) wherein A and A identical or different are H (C C) alkyl (C C) fluoroalkyl (C C) alkenyl (C C) alkynyl (C C) alkyl OR (C C) alkyl SR (C C) alkyl NRR OR SR NRR or COR; A is H OH or form a carbonyl with A; A is H OH or form a carbonyl with A; A is H CRROH F OH or forms a double bond with X in the case where X is CH; A is H or F; X is CH CHF CF CHOH O S NR or a simple bond or X is CH in the case where A forms with X a double bond; Y is P(O) (OR) (OR) or P (O) (OR) (NRR); V is O or S; A is H (C C) alkyl (C C) fluoroalkyl (C C) alkenyl (C C) alkynyl or (C C) alkyl OR; A is OH or H R and R identical or different are H (C C) alkyl (C C) fluoroalkyl (C C) alkyl OH or (C C) alkyl O (C C) alkyl; and their addition salts thereof with acids and bases their preparation and their use in the antibacterial prevention and therapy used alone or in association with antibacterials antivirulence agents or drugs reinforcing the host innate immunity.

No. of Pages : 138 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.922/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY STORAGE INSTALLATION

(51) International classification :H02J3/30
(31) Priority Document No :12186472.2
(32) Priority Date :28/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067966
Filing Date :30/08/2013
(87) International Publication No :WO 2014/048673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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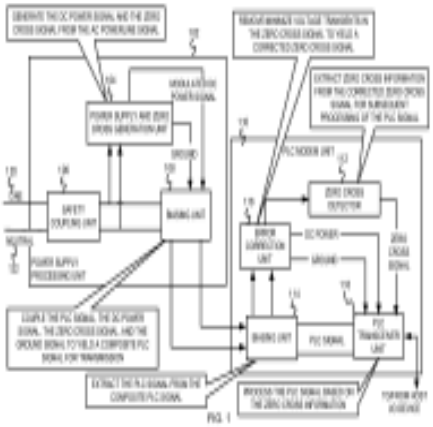
2)SCHAFER Christoph
3)TREPPMANN,Christoph

(57) Abstract :
The invention relates to an energy storage installation (1) which is suitable for simultaneously carrying out control and system tasks in non local and local power grids and to a method for operating said energy storage installation. The energy storage installation (1) comprises at least one energy storage module (11) and an installation storage capacity (SK) and an installation output (L) the energy storage installation (1) being provided at least for connection to a non local power grid (5) for carrying out received non stationary control and system tasks (NLRS) in the non local power grid (5) and for connection to one or more local power grids (61 62) for carrying out received stationary control and system tasks (LRS) in the one or more local power grids (61 62). The energy storage installation is designed to be connected to a communications network (3) via at least one interface (12a 12b 12c) and to receive at least the non stationary control and system tasks (NLRS) via the communications network (3). The energy storage installation further comprises a control unit (13) which is designed for controlling (SL SG) the intake (En) of energy from or output (Ep) of energy to the connected power grids (5 61 62) according to the local and non stationary control and system tasks (LRS NLRS) simultaneously for all connected power grids (5 61 62). The control unit (13) is designed to control (SG) the non stationary control and system tasks (NLRS) only within the framework (11) of those components (SKg Lg) of the installation storage capacities (SK) and/or installation output (L) that are not required for the stationary control and system tasks (LRS). The invention thus provides an effective energy storage installation that permits simultaneous improvement of local network quality and non local positive and negative energy provision.



No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015
(21) Application No.801/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD APPARATUSES AND COMPUTER PROGRAM PRODUCT FOR ASSIGNING A UNIQUE LOCATION AREA CODE IN A NETWORK COMPRISING SMALL CELLS SERVED BY HOME NODE B S UNDERLYING A MACROCELL

(51) International classification :H04W60/00
(31) Priority Document No :1219180.5
(32) Priority Date :25/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/070746
Filing Date :04/10/2013
(87) International Publication No :WO 2014/063914
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IP.ACCESS LIMITED
Address of Applicant :Building 2020 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DW U.K. U.K.
(72)**Name of Inventor :**
1)BROCK David

(57) Abstract :
In a network comprising a cluster of small cells 100 111 underlying a macrocell 112 each small cell served by its own Home Node B 100 101 is assigned a unique on the air Location Area Code so that as a User Equipment 113 moves from the coverage area of one Home Node B to another it will initiate a Location Update. Each time a Location Update is initiated this triggers a location presence notification message to a presence server 206. The Core Network 203 is unaware of the on the air Location Area Codes and so does not need to be informed of User Equipment movement between Home Node B s. The Home Node B network is arranged to handle the registration procedure locally as from the Core Network perspective the Location Area Code has not changed. Instead the Core Network sees a lu LAC that is shared amongst the several Home Node B s operating through a single Home Node B Gateway. Hence the arrangement offers fine granularity of location presence detection with no additional Core Network load.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.863/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIRTUAL GPIO

(51) International classification :G06F13/42
(31) Priority Document No :61/714118
(32) Priority Date :15/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065017
Filing Date :15/10/2013
(87) International Publication No :WO 2014/062661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)MISHRA Lalan
2)PRASAD Mohit

(57) Abstract :
A finite state machine is provided that both serializes virtual GPIO signals and deserializes virtual GPIO signals responsive to cycles of an external clock. The finite state machine frames the serialized virtual GPIO signals into frames each demarcated by a start bit and an end bit.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.864/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENHANCED UPLINK AND DOWNLINK POWER CONTROL FOR LTE TDD EIMTA

(51) International classification :H04W52/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/082577
Filing Date :08/10/2012
(87) International Publication No :WO 2014/056137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FENG Minghai
2)GUO Jiming
3)WANG Neng
4)HOU Jilei
5)XU Hao
6)GAAL Peter

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus determines an interference type between a time division duplex (TDD) configuration subframe of a serving cell and a corresponding TDD configuration subframe of a neighboring cell and sets a transmit power for an apparatus in the serving cell based on the interference type. The apparatus in the serving cell may be a user equipment (UE) in which case the apparatus applies a set of uplink (UL) open loop power control parameters for the UE. The apparatus in the serving cell may be a base station (e NB) in which case a DL transmit power is set for the e NB. Depending on the interference type the DL transmit power may be a fixed full power DL transmission or an adjusted DL transmission.

No. of Pages : 71 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.929/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS TO REDUCE SIGNALING SPIKES WHEN MOVING BETWEEN WLAN AND WWAN COVERAGE AREAS

(51) International classification :H04W36/00,H04W76/06
(31) Priority Document No :61/723469
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068913
Filing Date :07/11/2013
(87) International Publication No :WO 2014/074694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SUKUMAR Hariharan
2)RAMAN Sundar
3)DOKKU Vamsi Krishna
4)KURUNDKAR Vidula Rajeev
5)GLARETTA Gerardo

(57) Abstract :
Methods and apparatus for wireless communication in a mobile device that includes relinquishing a client side high level operation system (HLOS) internet protocol (IP) context of a user equipment (UE) when the UE connected to a network via a Wireless Wide Area Network (WW AN) connection is transported to a Wireless Local Area Network (WLAN) connection area. Aspects of the methods and apparatus include maintaining a Packet Data Protocol (PDP) context of the UE when the UE connected to the network via the WW AN connection is transported to a WLAN connection area. Aspects of the methods and apparatus include setting a linger timer for a certain period of time to defer deactivation of the PDP context and deactivating the PDP context when the linger timer expires.

Fig. 3

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

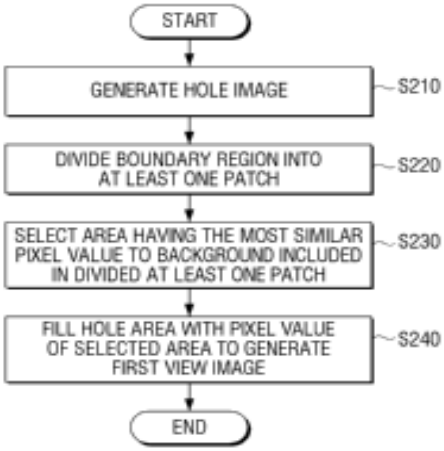
(21) Application No.808/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIVIEW IMAGE GENERATING METHOD AND MULTI VIEW IMAGE DISPLAY APPARATUS

(51) International classification	:G06T15/00,G06T17/00,H04N13/00
(31) Priority Document No	:1020120106059
(32) Priority Date	:24/09/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/008546 :24/09/2013
(87) International Publication No	:WO 2014/046522
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)HAN Seung-ryong
2)MIN Jong-sul

(57) Abstract :
A multiview image generating method is provided. The multiview image generating method includes generating a hole image using depth information of an original image dividing a boundary region in which a hole area of the generated hole image is in contact with a background into at least one patch selecting an area having the most similar pixel value to a background included in the divided at least one patch in a preset area of the original image and filling a hole area on the divided at least one patch with a pixel value of the selected area to generate a first view image.



No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015
(21) Application No.871/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A MOUNTING TOOL FOR AN ANASTOMOTIC DEVICE

(51) International classification :A61B17/11
(31) Priority Document No :12510608
(32) Priority Date :20/09/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051065
Filing Date :12/09/2013
(87) International Publication No :WO 2014/046596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CARPONOVUM AB
Address of Applicant :Olofsdalsvgen 10 S 302 41 Halmstad Sweden
(72)**Name of Inventor :**
1)GRONLUND Andres

(57) Abstract :
An anvil (300) for use in connection with a first member (10) of an anastomotic device (100) in the side wall of an intestine is provided. The anvil (300) comprises a distal head portion (301) and a connecting rod (302) extending proximally from the head portion (301). The distal head portion (301) has a first member retaining means (304) being displaceable laterally and centrally between a first member locking position and a first member releasing position. A tool (400) for use in connection with an anvil (300) according to above is also provided and a kit of parts comprising the two. The tool (400) comprises a receiving member (401) for receiving the connecting rod (302) of the anvil (300) and a seat (405) for a second member (20) of the anastomotic device (100) said seat (405) being arranged circumferentially of said receiving member (401) and said receiving member (401) being displaceable in relation to said seat (405).

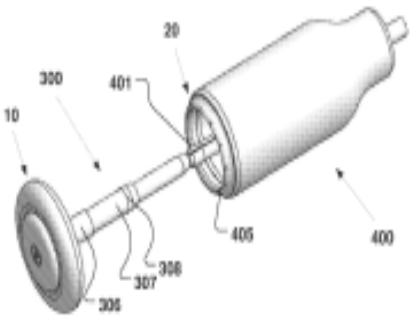


Fig 5

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.872/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODULAR MULTIPERFORATED PERMANENT FORMWORK OR CENTERING CONSTRUCTION SYSTEM FOR REINFORCED CONCRETE

(51) International classification :E04B2/86,E04B1/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/MX2012/000087
Filing Date :17/09/2012
(87) International Publication No :WO 2014/042502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELEVEN SOLUTIONS RFE S.A. DE C.V.
Address of Applicant :Fray Luis De Le³n 3071 # 18 Centro Sur 76090 Quertaro Quertaro Mexico
(72)**Name of Inventor :**
1)ALCALA ORDAZ Ricardo

(57) Abstract :
The invention relates to a modular construction forming system using permanent formwork or centering for reinforced concrete intended for the building construction industry. The invention includes a series of main elements: planar structural elements for forming panels; corner elements; connector elements between the planar elements; and auxiliary cross elements of rectangular cross section positioned adjacent to the panels. Each element include on at least one of its sides or ends a longitudinal rail and on the opposite end at least one counter rail such that they can be connected to adjacent elements. The length of the inner surface of the planar structural elements includes at least one longitudinal rail for coupling the connectors between each pair of elements and stabilising the position. Once the final structure has been formed concrete is poured into the hollow internal cavities part of which travels through the perforations in the structure generating a textural finish which can also receive other materials in order to create different types of coatings.

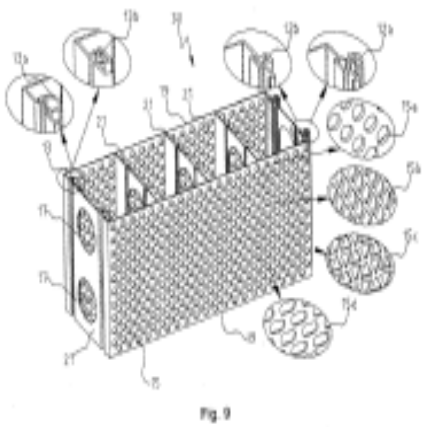


Fig. 9

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

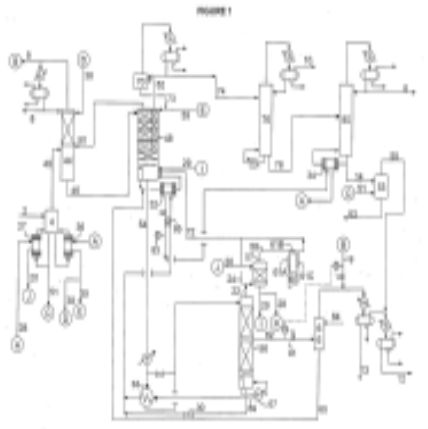
(21) Application No.935/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLEXIBLE BUTADIENE EXTRACTION PROCESS

(51) International classification	:C07C7/04,C07C11/167,B01J19/24
(31) Priority Document No	:61/711540
(32) Priority Date	:09/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/060519 :19/09/2013
(87) International Publication No	:WO 2014/058585
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LUMMUS TECHNOLOGY INC.
Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)BRUMMER Robert john.
2)DWYER Thomas Alexander

(57) Abstract :
A butadiene extraction processes designed for flexible operations with or without a compressor is disclosed. The ability to run at both high and low pressures provides added process flexibility.



No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2421/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PREVENTING A COLLISION BETWEEN SUBJECTS

(51) International classification :G06F3/01
(31) Priority Document No :1020140033695
(32) Priority Date :21/03/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2015/002547
Filing Date :17/03/2015
(87) International Publication No :WO 2015/142019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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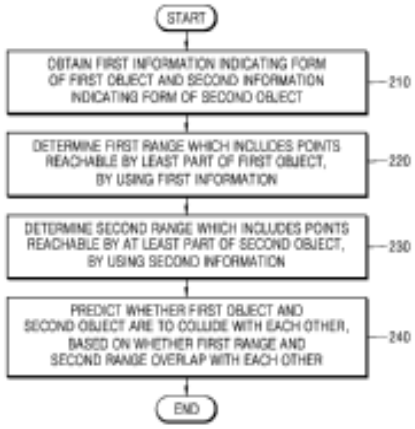
(72)**Name of Inventor :**
1)KIM Yun jung

(57) Abstract :
An apparatus for executing a computer game are provided. The apparatus includes an output unit configured to transmit a first image generated based on a form of a first user participating in the computer game and a second image generated based on a form of a second user participating in the computer game to a display apparatus and a control unit configured to predict a possibility of a collision between the first user and the second user and to control transmitting warning information indicating the possibility of the collision to the display apparatus via the output unit according to a result of the predicting.



No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2015

(21) Application No.2422/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND WEARABLE DEVICE FOR PROVIDING A VIRTUAL INPUT INTERFACE

(51) International classification :G06F3/01,G06T19/00,G06F3/048
(31) Priority Document No :1020140033705
(32) Priority Date :21/03/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2015/002554
Filing Date :17/03/2015
(87) International Publication No :WO 2015/142023
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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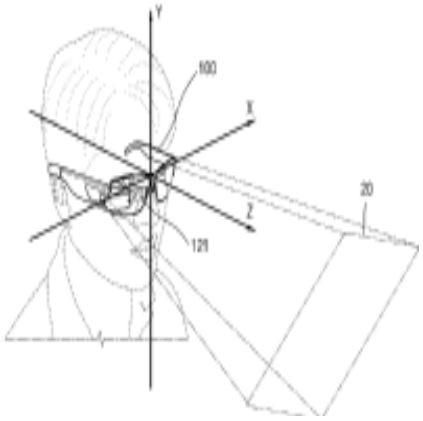
(72)**Name of Inventor :**
1)YUN In kuk

(57) Abstract :
Methods and apparatuses consistent with exemplary embodiments include a method and wearable device for setting an input region in the air or on an actual object based on a user motion and providing a virtual input interface in the set input region. Provided is a wearable device including an image sensor configured to sense a gesture image of a user setting a user input region and a display configured to provide a virtual input interface corresponding to the user input region set by using the sensed gesture image.



No. of Pages : 77 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.873/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BICYCLIC HETEROCYCLE COMPOUNDS AND THEIR USES IN THERAPY

(51) International classification	:C07D403/14,C07D471/04,C07D519/00
(31) Priority Document No	:1218862.9
(32) Priority Date	:19/10/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2013/052720 :18/10/2013
(87) International Publication No	:WO 2014/060767
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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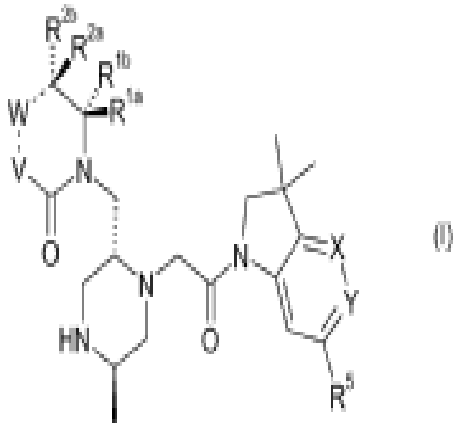
2)JOHNSON Christopher Nobert
3)PAGE Lee William
4)BUCK Ildiko Maria
5)DAY James Edward Harvey
6)HOWARD Steven
7)SAXTY Gordon
8)MURRAY Christopher William
9)HOPKINS Anna

(57) Abstract :
The invention relates to new bicyclic heterocycle compounds of formula (I): (Formula (I)) pharmaceutical compositions comprising said compounds and to use of said compounds in the treatment of diseases e.g. cancer.



(I)

No. of Pages : 201 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015

(21) Application No.874/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BICYCLIC HETEROCYCLE COMPOUNDS AND THEIR USES IN THERAPY

(51) International classification :C07D403/14,C07D471/04,C07D519/00
(31) Priority Document No :1218864.5
(32) Priority Date :19/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052721
Filing Date :18/10/2013
(87) International Publication No :WO 2014/060768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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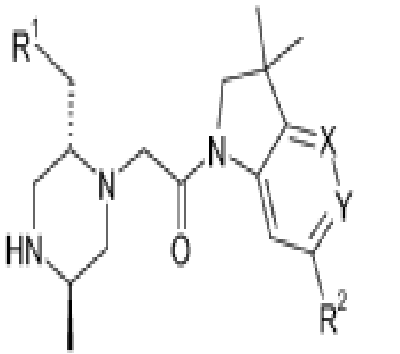
(72)**Name of Inventor :**
1)CHESSARI Gianni
2)JOHNSON Christopher Nobert
3)PAGE Lee William
4)MILLEMAGGI Alessia
5)HOWARD Steven
6)SAXTY Gordon
7)HEIGHTMAN Thomas Daniel

(57) Abstract :
The invention relates to new bicyclic heterocycle compounds of formula (I): wherein R1 is seected from specific pyrazolyl imidazolyl pridinyl and triazolyl groups. The invention also realtes to pharmaceutical compositions comprising said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.



(I)

No. of Pages : 107 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.937/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LAMINAR FLOW RADIAL CEILING FAN

(51) International classification :F04D25/08
(31) Priority Document No :13/662910
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066987
Filing Date :26/10/2013
(87) International Publication No :WO 2014/070628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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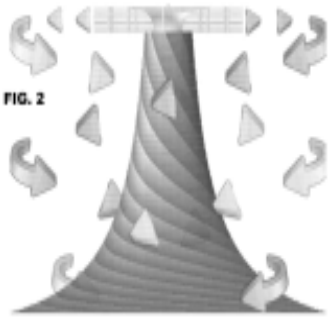
(72)**Name of Inventor :**
1)HALSALL Richard
2)HINER Nicholas

(57) Abstract :
The prior art has used pitched blades attached to a stationary motor normally electric to move air within the confines of a structure or room. The preferred invention incorporates a series of solid discs. The discs are affixed to a stationary electric motor and thus rotate around a central axis. The discs are equally spaced and centrally perforated in a manner that will allow air to flow in high volumes through the perforations and pass along the discs thus exiting symmetrically between each disc perpendicularly to the flow of air that is at its entrance. Due to the less restrictive or low pressure air entrance as well as the correct vertical disc spacing a corresponding increase in the laminar flow is realized. This feature of the preferred invention allows for operation at a rotational speed that practical for use as a ceiling fan.



No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.816/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A CURRENT COLLECTOR FOR A FUEL CELL

(51) International classification :H01M8/02,H01M8/04
(31) Priority Document No :1218426.3
(32) Priority Date :15/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052659
Filing Date :11/10/2013
(87) International Publication No :WO 2014/060728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HORLOCK Mark Phillip

(57) Abstract :
A fuel cell stack assembly has a plurality of cells in a stack configuration. Each cell comprises a membrane electrode assembly disposed between an anode flow plate and a cathode flow plate. A current collector plate is disposed at each end of the stack and a compression assembly maintains the stack under compression. At least one of the current collector plates is formed as a printed circuit board having a first face disposed against a cathode flow plate or an anode flow plate of an outermost cell in the stack and a second face opposite the first face. The first face includes an electrically conductive layer disposed on a substrate of the printed circuit board to serve as a stack current collector electrode. Electrical components such as temperature sensors can be mounted on the printed circuit board such that they lie in or adjacent to a flow channel extending along an adjacent face of the anode or cathode flow plate. The printed circuit board can provide laterally extending connection tabs for electrical connection to the current collector electrode and to the electrical components.

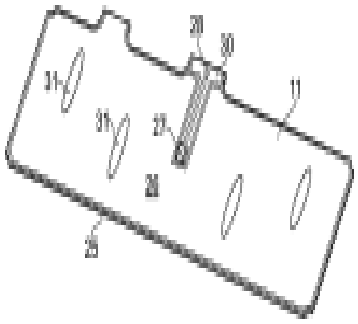

FIG. 3

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.878/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESSING AND MANAGING MULTIPLE MAPS AT A LOCATION CONTEXT IDENTIFIER (LCI)

(51) International classification :G01C21/32,G06F17/50,G01C21/20
(31) Priority Document No :61/720308
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063296
Filing Date :03/10/2013
(87) International Publication No :WO 2014/070368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SHARMA Abhinav
3)MEHTA chandrakant
4)CHAO Hui
5)KHORASHADI Behrooz

(57) Abstract :
Systems apparatus and methods for merging maps used by a positioning server are presented. Original maps are overlaid concatenated or inset to create a more detailed map. The original maps are from different sources and/or in different formats. By merging or fusing maps together a positioning server may create a better structural map which is in turn used to create improved positioning assistance data.

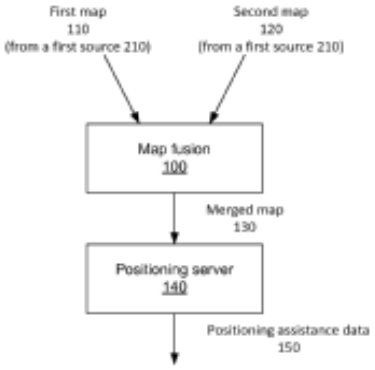

FIG. 1

No. of Pages : 32 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.941/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COPOLYMERS IN COSMETIC COMPOSITIONS

(51) International classification :A61Q1/00,A61Q1/10,A61K8/81
(31) Priority Document No :1202617
(32) Priority Date :02/10/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052233
Filing Date :24/09/2013
(87) International Publication No:WO 2014/053743
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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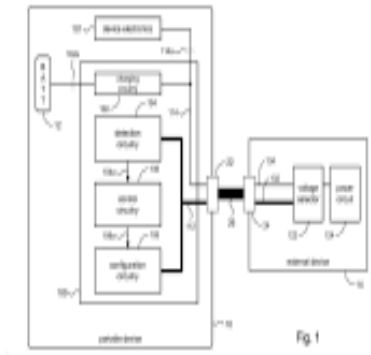
(72)**Name of Inventor :**
1)SOUZY Renaud
2)KENSICHER,Yves
3)SUAU Jean-Marc
4)GUERRET Olivier

(57) Abstract :
The present invention concerns the use of a specific copolymer for homogenising compositions comprising pigments and/or nacres and film forming polymers and the cosmetic compositions containing such a copolymer.



No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.942/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SAFE INJECTION NEEDLE

(51) International classification :A61M5/32
(31) Priority Document No :201210423669.2
(32) Priority Date :30/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/000086
Filing Date :28/01/2013
(87) International Publication No :WO 2014/067221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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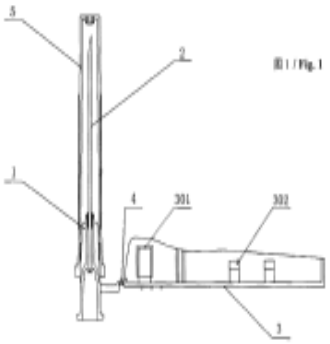
(72)**Name of Inventor :**
1)ZHANG Linfeng

(57) Abstract :
A safe injection needle comprises a needle holder (1) the end of the needle holder (1) being provided with a needle tubing (2). One side of the needle holder (1) is provided with a jacket (3) an elastically stretchable sheet (4) is formed at a joint of the jacket (3) and the needle holder (1) of the injection needle the jacket (3) turns using the elastically stretchable sheet (4) as the central support point. The jacket (3) is hollow in the inner cavity and a jacket safety hook (301) and a needle tubing safety hook (302) are successively provided in the cavity and the jacket safety hook (301) is close to the elastically stretchable sheet (4). A needle holder safety hook (101) fitting with the jacket safety hook (301) is provided on the needle holder (1). Through the multi section clamping structure especially the reversed double hook structure it is ensured that the protective mechanism and the needle tubing are securely engaged and cannot be separated thereby improving the injection needle security.



No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.818/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC MEMORY POWER MANAGEMENT

(51) International classification :G06F1/32
(31) Priority Document No :13/668865
(32) Priority Date :05/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051231
Filing Date :19/07/2013
(87) International Publication No :WO 2014/070264
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LO Haw-jing
2)TAHA Ali
3)CHUN Dexter T.

(57) Abstract :
Various embodiments of methods and systems for hardware (HW) based dynamic memory management in a portable computing device (PCD) are disclosed. One exemplary method includes generating a lookup table (LUT) to track each memory page located across multiple portions of a volatile memory. The records in the LUT are updated to keep track of data locations. When the PCD enters a sleep state to conserve energy the LUT may be queried to determine which specific memory pages in a first portion of volatile memory (e.g. an upper bank) contain data content and which pages in a second portion of volatile memory (e.g. a lower bank) are available for receipt of content. Based on the query the location of the data in the memory pages of the upper bank is known and can be quickly migrated to memory pages in the lower bank which are identified for receipt of the data.

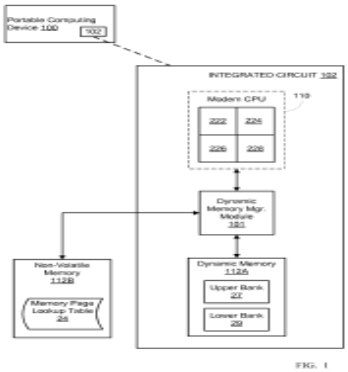

FIG. 1

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015
(21) Application No.881/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PRIORITIZATION OF USERS FOR SWITCHING BETWEEN CO EXISTENCE WIRELESS SYSTEMS

(51) International classification :H04W36/22,H04W36/14
(31) Priority Document No :61/716999
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066206
Filing Date :22/10/2013
(87) International Publication No :WO 2014/066406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RADULESCU Andrei Dragos
3)TINNAKORANSRISUPHAP Peerapol
4)SUNDARARAJAN Jay Kumar
5)MEYLAN Arnaud
6)YAVUZ Mehmet

(57) Abstract :
Techniques for prioritizing user equipments (UEs) for switching between wireless systems are disclosed. The wireless systems may be part of a small cell and may include a WLAN system and a cellular system. In one design a network entity (e.g. the small cell) may identify a plurality of UEs communicating with a first wireless system. The first wireless system may be one of a plurality of wireless systems providing communication coverage for the UEs. The network entity may determine priorities of the UEs for switching from the first wireless system to a second wireless system. The network entity may then select at least one UE among the plurality of UEs to switch from the first wireless system to the second wireless system based on the priorities of the UEs.

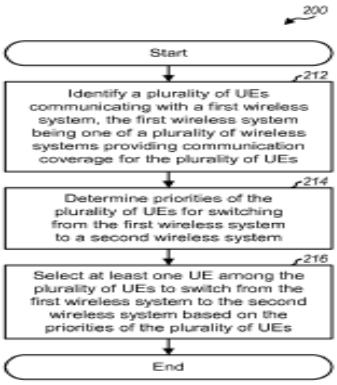

FIG. 2

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.882/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PVP COPOLYMER FOR HARSH CHEMICAL PACKAGING

(51) International classification :B65D65/46,B65D85/84,C08K5/151
(31) Priority Document No :61/716900
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066103
Filing Date :22/10/2013
(87) International Publication No :WO 2014/066339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NGUYEN,Vinh
3)POLLOCK Regan
4)VICARI Richard

(57) Abstract :
A water soluble film useful in unit dose chemical packaging is disclosed. The film may include: a water soluble saccharide and a polyvinyl alcohol copolymer consisting essentially of: (a) from 80 to 99 mole percent of vinyl alcohol and vinyl ester monomer; and (b) from 1 to 20 mole percent of a pyrrolidone comonomer. Such compositions may be used to provide a water soluble film simultaneously satisfying requirements in regard to water solubility biodegradability and physical properties even when used for packaging of harsh oxidizing chemicals.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.945/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH VOLTAGE DEDICATED CHARGING PORT

(51) International classification :H02J7/00,G06F1/26
(31) Priority Document No :61/719822
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066854
Filing Date :25/10/2013
(87) International Publication No :WO 2014/070612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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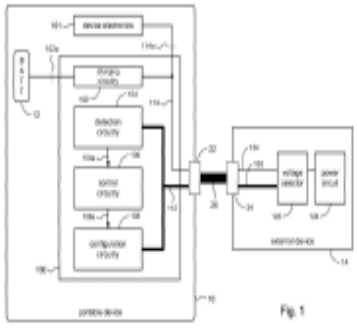
1)HAWAWINI, Shadi
2)PAPARRIZOS, Georgios, K

(57) Abstract :
Circuitry in an electronic device may be attached to external device such as a power supply to receive a voltage at a desired voltage level from the external device. The circuitry may assert one of several electrical configurations on the cabling that electrically connects the portable device to the external device to indicate to the external device a desired voltage level.



No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.946/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTROSURGICAL APPARATUS

(51) International classification :A61B18/12,A61B18/18,A61N5/02
(31) Priority Document No :1217247.4
(32) Priority Date :27/09/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052413
Filing Date :16/09/2013
(87) International Publication No :WO 2014/049332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HANCOCK, Christopher Paul
2)WHITE, Malcolm
3)AMOAH, Francis
4)DHARMISIRI, Nuwan

(57) Abstract :
An electrosurgical apparatus having a feed structure comprising a radiofrequency (RF) channel (306) for conveying RF electromagnetic (EM) radiation from an RF signal generator (300) to a probe and a microwave channel (304) for conveying microwave EM radiation from a microwave signal generator (302) to the probe wherein the RF channel (306) and microwave channel (304) comprise physically separate signal pathways wherein the feed structure includes a combining circuit (308) having an input connected to the signal pathway on the RF channel (306) another input connected to the signal pathway on the microwave channel (304) and an output connected to a common signal pathway for conveying the RF EM radiation and EM radiation separately or simultaneously to the probe and wherein the microwave channel (304) includes a waveguide isolator (312) connected to isolate the signal pathway on the microwave channel (304) from the RF EM radiation.

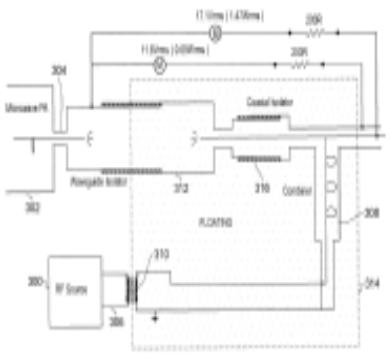

FIG. 4

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015
(21) Application No.814/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS OF CONTROLLED CHEMICAL REACTION OF A SOLID FILLER MATERIAL SURFACE AND ADDITIVES TO PRODUCE A SURFACE TREATED FILLER MATERIAL PRODUCT

(51) International classification :C09C1/02
(31) Priority Document No :12188739.2
(32) Priority Date :16/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071185
Filing Date :10/10/2013
(87) International Publication No :WO 2014/060286
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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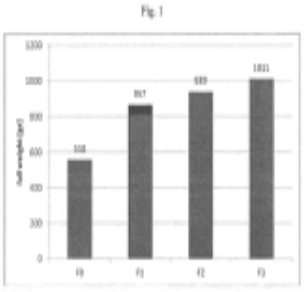
(72)**Name of Inventor :**
1)RENTSCH Samuel
2)BURI Matthias
3)BLUM Rene Vinzenz
4)BRUNNER Martin
5)GANE Patrick A.C

(57) Abstract :
The present invention relates to a process for preparing a surface treated filler material product with succinic anhydride(s) a surface treated filler material product a polymer composition a fiber and/or filament and/or film and/or thread comprising the surface treated filler material product and/or the polymer composition an article comprising the surface treated filler material product and/or the polymer composition and/or the fiber and/or filament and/or film and/or thread as well as the use of a mono substituted succinic anhydride for decreasing the hydrophilicity of a calcium carbonate containing filler material surface and the use of a surface treated filler material product for initiating the crosslinking reaction in epoxide resins.



No. of Pages : 87 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.880/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OFFLOADED SECURITY AS A SERVICE

(51) International classification	:H04W 28/10, G06F 9/00
(31) Priority Document No	:13/652825
(32) Priority Date	:16/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/046729 :20/06/2013
(87) International Publication No	:WO 2015/072957
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)REDDY Tirumaleswar
3)CHIVUKULA Srinivas
4)PATIL Prashanth

(57) Abstract :
In one implementation traffic in a mobile network is offloaded to a security as a service server or a cloud server. A mobile access gateway (MAG) in the mobile network identifies one or more mobile nodes that are configured for communication on the mobile network. The MAG receives a message that includes an address of a mobile node and sends a request based on the message to the security as a service server. The MAG forwards traffic flows to the security as a service server according to the message which is configured to detect an indication of malicious software in the traffic flows and/or filter content of the traffic flows according to a user profile.

FIG. 1

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.943/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CIRCUIT BREAKER

(51) International classification :H01H73/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/006513
Filing Date :11/10/2012
(87) International Publication No :WO 2014/057517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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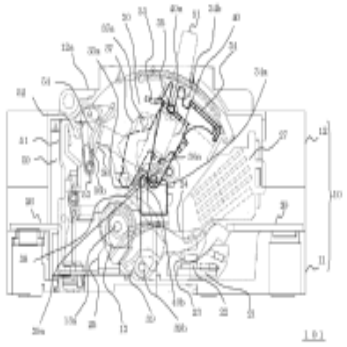
(72)**Name of Inventor :**
1)WATANABE Kazumasa

(57) Abstract :
A circuit breaker is obtained in which design uniformity is ensured between a molded case circuit breaker and an earth leakage circuit breaker, and an opening-closing mechanism can be used in common. The circuit breaker comprises, an arc extinguisher 27 that is provided in the vicinity of both contacts, a crossbar 13 that pivotably supports a movable contact arm 24,a lower link 39 that drives the crossbar 13, a lever 36 that is engaged with an overcurrent trip gear 50 and pivots when tripping, an upper link 37 that is rotatably supported by the lever 36 and is connected through a spring pin 38 to the lower link 39, a main spring 40 whose driven side is connected to the spring pin 38, a frame 32 that is fixed to a housing, a handle arm 33 that is pivotably supported by the frame 32 and is connected to a driving side of the main spring 40, a sub handle arm 34 that is pivotably supported by the frame 32 and is connected to the handle arm 33; and a handle 31 that is fitted to the sub handle arm 34.



No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.944/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE ENERGY STORAGE MODULE

(51) International classification :H02J3/30
(31) Priority Document No :12186488.8
(32) Priority Date :28/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/068725
Filing Date :10/09/2013
(87) International Publication No :WO 2014/048728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)TREPPMANN,Christoph
2)VOR DEM ESCHE Rainer
3)BAUMER Thomas
4)SONNEN Michael
5)SCHAFER Christoph
6)MIDDENDORF Christian

(57) Abstract :
The invention relates to a mobile energy storage module (1) having a high energy storage capacity and output, to an energy storage system (10) having such energy storage modules (1) and to a method for adjusting the energy storage system (10) to the demands in the power supply grids (LS, NS). To achieve this, the mobile energy storage module (1) comprises an enclosing module housing (2) having at least one power connection interface (21a, 21b, 21c) and at least one data interface (22a, 22b, 22c), and additionally comprises a flywheel module (3) having a plurality of flywheel energy storage units (31), a vacuum module (4) for generating a minimum vacuum required for operating the flywheel module (3), a cooling module (5) for removing at least internal thermal loads during operation of the flywheel module (3), and a module control system (6) that is configured to appropriately control the modules (3, 4, 5, ...) in the module housing (2) and for carrying out control and system tasks (ORS, NORS) in power supply grids (LS, NS), wherein the module housing (2) is configured in a suitable manner to ensure safe transport of the modules (3, 4, 5, ...) disposed therein and absorb static and dynamic loads of the flywheel energy storage units (31) during operation. Therein, the energy storage module (1) can be quickly deployed at any location desired in a variable manner in order to provide a sufficiently large energy storage capacity and output for control and system tasks in power supply grids.

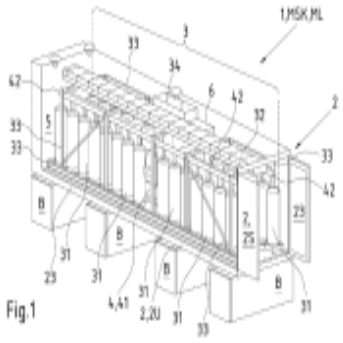
Fig.1

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.821/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A COMPLETELY RECESSED DOOR HANDLE PROVIDED WITH LOCK

(51) International classification :E05B5/00,E05B63/04,E05C1/06
(31) Priority Document No :AN2012A000119
(32) Priority Date :24/09/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/069743
Filing Date :23/09/2013
(87) International Publication No:WO 2014/044850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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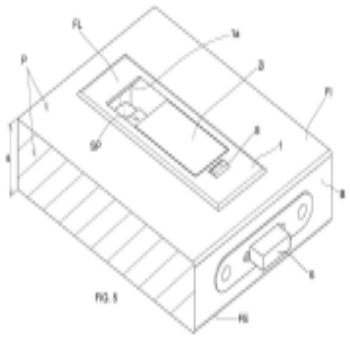
(72)**Name of Inventor :**
1)GAROFOLI Fernando

(57) Abstract :
A handle comprising a box shaped body (1) with substantially parallelepiped shape having suitable dimensions to be recessed in the thickness (s) of the door (P) in such manner that the two opposite longitudinal sides (FL) of said body are flush to the opposite sides of the door; said body (1) houses a pair of identical holding levers (2) with L shaped configuration which revolve around pivoting pins (3) with vertical axis both of them cooperating with a cursor (6 60) composed of a plate sliding in horizontal direction and provided with a window (7 70) used to couple both holding levers (2) which do not protrude from said box shaped body (1).



No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015
(21) Application No.885/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING PUBLIC MESSAGE

(51) International classification :H04W4/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/081778
Filing Date :21/09/2012
(87) International Publication No :WO 2014/043900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YU Zheng
2)CHENG Xingqing

(57) Abstract :
Provided are a method and device for transmitting a public message which relate to the technical field of communications and are invented to effectively ensure that both a low cost MTC user equipment and a normal LTE user equipment can reliably receive a public message. The method for transmitting a public message comprises: determining a public message transmission moment corresponding to a first user equipment the public message transmission moment corresponding to the first user equipment being some moments among cell public message transmission moments; and sending a public message at the determined public message transmission moment corresponding to the first user equipment. The bandwidth of a frequency resource used for sending the public message is not more than a data processing bandwidth supported by the first user equipment so that both the first user equipment and a second user equipment can receive the public message at the public message transmission moment corresponding to the first user equipment; and a data processing bandwidth supported by the second user equipment is more than the data processing bandwidth supported by the first user equipment. The present invention can be used in M2M application based on an LTE network.

FIG. 1

101 A BASE STATION DETERMINING A PUBLIC MESSAGE TRANSMISSION MOMENT CORRESPONDING TO A FIRST USER EQUIPMENT, THE PUBLIC MESSAGE TRANSMISSION MOMENT CORRESPONDING TO THE FIRST USER EQUIPMENT BEING SOME MOMENTS AMONG CELL PUBLIC MESSAGE TRANSMISSION MOMENTS

102 THE BASE STATION SENDING A PUBLIC MESSAGE AT THE PUBLIC MESSAGE TRANSMISSION MOMENT CORRESPONDING TO THE FIRST USER EQUIPMENT, WHICH IS DETERMINED BY SAME, WHEREIN THE BANDWIDTH OF A FREQUENCY RESOURCE USED FOR SENDING THE PUBLIC MESSAGE IS NOT MORE THAN A DATA PROCESSING BANDWIDTH SUPPORTED BY THE FIRST USER EQUIPMENT

No. of Pages : 67 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.886/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USING FM/AM RADIO AND CELLULAR TECHNOLOGY TO SUPPORT INTERACTIVE GROUP COMMUNICATION FOR LARGE NUMBER OF USERS

(51) International classification	:H04L29/06,H04W76/00,H04W4/10
(31) Priority Document No	:13/658560
(32) Priority Date	:23/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/065472 :17/10/2013
(87) International Publication No	:WO 2014/066139
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHUMAN Mohammed Ataur J.
2)GOEL Amit
3)SONG Bongyong

(57) Abstract :
The disclosure is directed to conducting group communications. An embodiment receives information defining a group communication from a first network detects an availability of at least one local uni directional radio broadcast network outside the first network transmits an acknowledgment indicating an intention to connect to the at least one local uni directional radio broadcast network and monitors the group communication on the at least one local uni directional radio broadcast network.

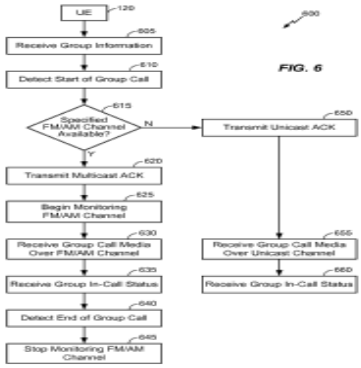

FIG. 6

No. of Pages : 36 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.951/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOBILE TERMINAL AND METHOD FOR CONTROLLING THE SAME

(51) International classification :H04B1/40,G06F3/14,H04W4/02
(31) Priority Document No :1020130097064
(32) Priority Date :16/08/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/003503
Filing Date :22/04/2014
(87) International Publication No:WO 2015/023044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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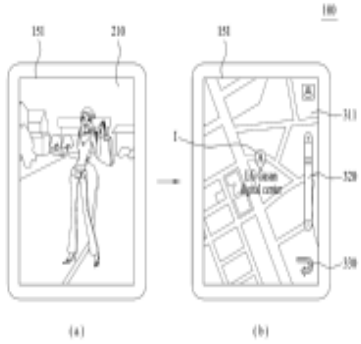
(72)**Name of Inventor :**
1)JUNG Seyoon
2)CHOO Jinho

(57) Abstract :
A mobile terminal utilizing location information and a method of controlling therefor are disclosed. A mobile terminal according to one embodiment includes a memory configured to store map information a camera configured to capture a first image a position location module configured to obtain location information when the first image is captured a display and when the obtained first image is displayed in the display with a magnification satisfying a first condition if a first command for changing the magnification of the first image is detected a controller configured to control the display to display a map of a first range containing a point corresponding to the obtained location information.



No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.823/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUPPORT STRUCTURE FOR WIND TURBINES AND MOULD FOR MANUFACTURING SUCH STRUCTURES

(51) International classification :E04H12/12
(31) Priority Document No :P201231518
(32) Priority Date :01/10/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070676
Filing Date :01/10/2013
(87) International Publication No :WO 2014/053688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Calle Prolongaci³n de Embajadores s/n E 28053 Madrid Spain
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1)ABAD HUBER Cesar
2)FRANCO REY Jorgey

(57) Abstract :
Frustoconical or truncated pyramid shaped support structure for wind driven power generators which is formed by several precast concrete panels (1) having the same dimensions without horizontal joints between panels which allows obtaining different section widths by means of a platform guide that can be adjusted to one of said panels.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.887/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VALVE ASSEMBLY

(51) International classification :F16K17/04
(31) Priority Document No :61/713286
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000810
Filing Date :24/09/2013
(87) International Publication No :WO 2014/056072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BISHOFF Mark
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(57) Abstract :
A valve assembly adapted to be used in an environment having an environment pressure includes a body having an end adapted to connect to a pipe having a first fluid line at a first pressure and a coaxial second fluid line at a second pressure. A primary passageway defined through the body is adapted to be connected to the first fluid line. A secondary passageway defined in the body is adapted to be connected to the second fluid line. A valve is disposed on the primary passageway. The valve is movable between a first position where the passageway is open and a second position where the passageway is closed in response to the second pressure in the secondary passageway. The first pressure in the primary passageway is greater than the second pressure in the secondary passageway and the environment pressure is greater than the second pressure in the secondary passageway.

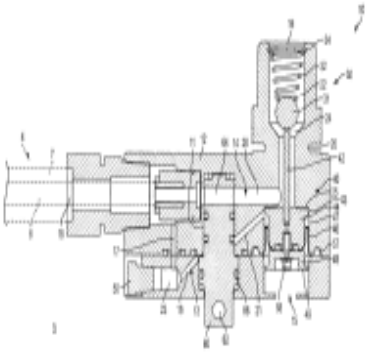

FIG. 1

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.888/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CARDBOARD BASED STRUCTURE

(51) International classification :B62K19/02
(31) Priority Document No :61/787292
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050824
Filing Date :13/10/2013
(87) International Publication No :WO 2014/141228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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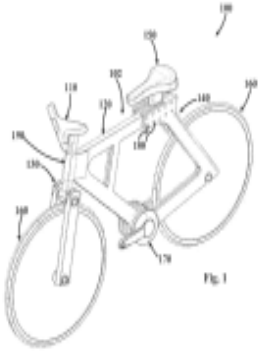
(72)**Name of Inventor :**
1)GAFNI Izhar

(57) Abstract :
The invention provides cardboard based structures comprising two or more generally elongated elements angled with respect to one another and being cut out of a multi layered cardboard based piece that comprises at least two layers of a single cardboard sheet folded about a longitudinal reinforcing member. The invention further provides frames preferably human powered vehicle frames constructed from structures of the invention as well as methods for producing structures of the invention.



No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.889/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR BROADCASTING LOAD INFORMATION TO ENABLE A USER EQUIPMENT (UE) TO SELECT DIFFERENT NETWORK ACCESS

(51) International classification	:H04W48/06,H04W36/14,H04W36/22
(31) Priority Document No	:61/724798
(32) Priority Date	:09/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/068931 :07/11/2013
(87) International Publication No	:WO 2014/074705
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)KITAZEO Masato
3)PICA Francesco

(57) Abstract :
Methods and apparatus for offloading traffic from a first RAT network (e.g. WWAN) to a second RAT network (e.g. WLAN) are described. In some cases the first RAT network may broadcast an indication (804 904) of a level of preference for offloading traffic for one or more application types to the first or second RAT network. A UE may determine (906) which RAT network to use for transmitting data based on this indication and current system conditions (e.g. relative loading of the first and second RAT networks).

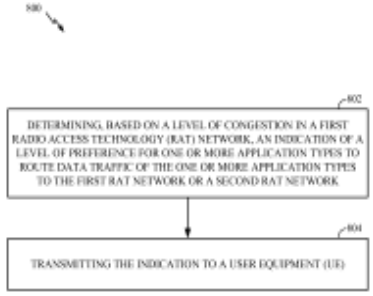

FIG. 8

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015
(21) Application No.954/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBACTERIAL HAIR REMOVAL COMPOSITION

(51) International classification :A61K8/49,A01N65/00,A61Q1/06
(31) Priority Document No :13/712937
(32) Priority Date :12/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063604
Filing Date :05/10/2013
(87) International Publication No :WO 2014/092845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FUSCO Norma Jean
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(72)**Name of Inventor :**
1)FUSCO Norma Jean

(57) Abstract :
An antibacterial non aqueous liquid hair removing composition. The composition includes a solubilizing oil effective for solubilizing the ingredients e.g. mineral oil and an effective antibacterial amount of an antibacterial agent e.g. triclosan and/or benzethonium chloride. The composition further includes botanical oils and rosins e.g. soybean oil gum rosin rosin esters and titanium dioxide. The composition may also include fragrances and additional bacteriocides e.g. phenoxyethanol. The hair removal composition is applied to a person s skin and after a sufficient amount time removed from the person s skin with the hair entrapped therein.

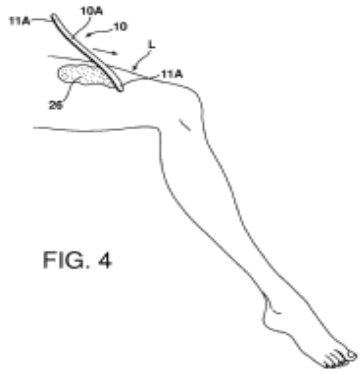

FIG. 4

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.890/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODIFYING VIRTUAL OBJECT DISPLAY PROPERTIES TO INCREASE POWER PERFORMANCE OF AUGMENTED REALITY DEVICES

(51) International classification :G06T19/00
(31) Priority Document No :61/725708
(32) Priority Date :13/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066458
Filing Date :23/10/2013
(87) International Publication No :WO 2014/078037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PANDEY Umesh K
2)SRINIVASAN Chandrasekar
3)FORUTANPOUR Babak

(57) Abstract :
Various arrangements for controlling a head mounted display of an augmented reality display are presented. A head mounted display may be provided and may be configured to present a virtual field of view comprising a virtual object superimposed on a real world scene. A controller may be provided and configured to modify display of the virtual object by the head mounted display based on a first color of a real world object in the real world scene. The virtual object in the virtual field of view may be superimposed over the real world object. A lumen output of the headmounted display for displaying the virtual object may be decreased.

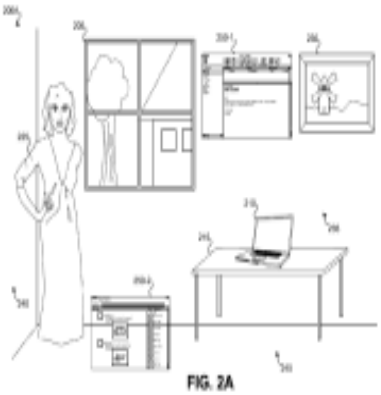
FIG. 2A

No. of Pages : 60 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.892/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND KIT FOR DETECTING A WILD TYPE AND/OR A MUTATED TARGET DNA SEQUENCE

(51) International classification :C12Q1/68
(31) Priority Document No :TO2012A000962
(32) Priority Date :31/10/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/059827
Filing Date :31/10/2013
(87) International Publication No :WO 2014/068519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MANARESI Nicolo

(57) Abstract :
The present invention relates to a method for detecting a first and/or a second target DNA sequence from a DNA library differing in that a mutation generates/eliminates a restriction site for a restriction endonuclease comprising the steps of: (a) providing the DNA library in which each of the DNA sequences comprises a first sequence segment a second sequence segment of genomic DNA as cleaved by the restriction endonuclease and a third sequence segment reverse complementary to the union of said first sequence segment and 5 overhang if any of the restriction endonuclease; (b) amplifying the library of DNA sequences by PCR using: a first reverse primer which hybridises to the 3 end region of the second sequence segment of the first or second target sequence positive strand; a second forward primer which hybridises to the 3 end region of the second sequence segment of the first target sequence antipositive strand; a third forward primer comprising a first portion hybridising to the 5 end region of the third sequence segment of the second target sequence antipositive strand and a second portion hybridising to the 3 end region of the second sequence segment of the second target sequence antipositive strand wherein the first portion of the third forward primer has a length from 20% to 80% with respect to the total length of the third forward primer; (c) detecting DNA sequences amplified in step (b).

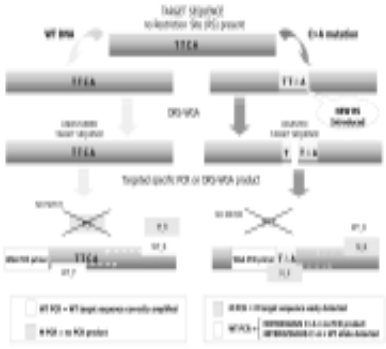

FIG. 4A

No. of Pages : 50 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.957/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR SAO COMPENSATION FOR ENCODING INTER LAYER PREDICTION ERROR AND APPARATUS THEREFOR

(51) International classification :H04N19/50
(31) Priority Document No :61/707089
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008751
Filing Date :30/09/2013
(87) International Publication No :WO 2014/051408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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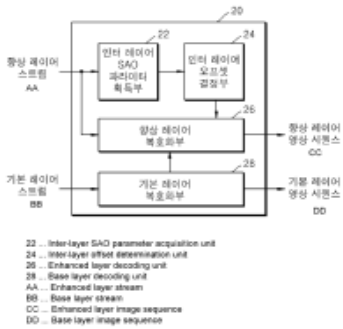
(72)**Name of Inventor :**
1)ALSHINA Elena
2)ALSHIN Alexander
3)KIM Chan Yul
4)LEE Tammy

(57) Abstract :
Provided are a method for scalable video encoding compensating for inter layer prediction errors in between different layer images by means of a sample adaptive offset (SAO) an apparatus therefor an apparatus for scalable video decoding and a variety of examples thereof. Provided are a method for scalable video decoding and an apparatus therefor the method for scalable video decoding comprising: acquiring from a received enhanced layer stream inter layer SAO usage information between a base layer image and an enhanced layer image and SAO parameters indicating SAO type and offset for an enhanced layer prediction image; determining from the acquired SAO parameters the SAO type for the enhanced layer prediction image and offset which classifies the prediction error by category; and compensating by the offset determined for each category in the current sample generating an enhanced decoded layer image by means of the enhanced prediction layer image.



No. of Pages : 118 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.895/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR WIRELESS POWER TRANSMISSION

(51) International classification :H02J17/00
(31) Priority Document No :61/704378
(32) Priority Date :21/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008485
Filing Date :23/09/2013
(87) International Publication No :WO 2014/046504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TZANIDIS Loannis
2)AZAD Umar
3)RAJGOPAL Sridhar

(57) Abstract :
A method for wireless power transmission includes establishing respective wireless communication link between a coordinating transmitter and each receiver. The method further includes measuring respective mutual impedance between a coordinating transmitter and each receiver by applying a voltage to the coordinating transmitter and configuring each receiver to measure an induced current in response to the applied voltage. The method calculates respective matching impedance for the coordinating transmitter and each receiver based on corresponding mutual impedance. The method transmits the respective matching impedance to each receiver to enable each receiver to adjust to have the respective matching impedance. The method adjusts the coordinating transmitter to have the respective matching impedance.

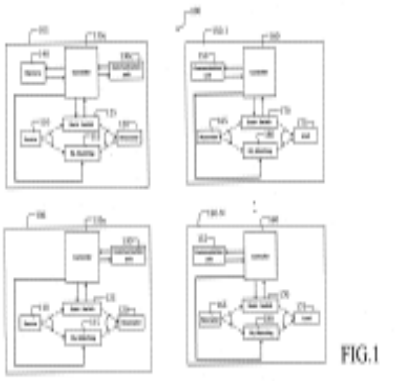
FIG.1

No. of Pages : 53 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.896/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BAG ARRANGED TO HAVE SHOULDER BAG AND BACKPACK CARRYING CONFIGURATIONS RESPECTIVELY

(51) International classification :A45F3/02,A45F3/04,A45F3/14
(31) Priority Document No :1260152
(32) Priority Date :24/10/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052541
Filing Date :23/10/2013
(87) International Publication No :WO 2014/064387
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :4 Boulevard de Mons F 59650 Villeneuve dAscq France
(72)**Name of Inventor :**
1)GUILION Alexandre
2)HUARD Joseph
3)NOURY Marie

(57) Abstract :
The invention concerns a bag comprising a storage compartment of which each lateral wall (5) is provided with a lining (8) that has an upper opening (8a) that opens towards said lateral wall and a lower opening (8b) that opens towards the inner wall (1) said bag further comprising a continuous carrying strap (9) that is slidably mounted in said linings forming a first portion (9a) that opens through the upper openings (8a) and a second portion (9b) that opens through the lower openings (8b) said portions being arranged so as to be able to have a shoulder bag carrying configuration in which the first portion (9a) is deployed above the upper wall (3) and the second portion (9b) is pressed against the inner wall (1) and a backpack carrying configuration in which the portions (9a 9b) are deployed opposite the inner wall (1) the switch from one configuration to the other being carried out by pulling at least one portion (9a 9b) to adjust the length thereof by sliding the strap (9) in the linings (8).

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.961/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY STORAGE SYSTEM

(51) International classification :H02J3/30
(31) Priority Document No :12186467.2
(32) Priority Date :28/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067991
Filing Date :30/08/2013
(87) International Publication No :WO 2014/048675
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ENRICHMENT TECHNOLOGY COMPANY LTD.
Address of Applicant :Stetternicher Staatsforst 52428 J¼lich Germany
(72)**Name of Inventor :**
1)VOR DEM ESCHE Rainer
2)SCHAFER Christoph
3)TREPPMANN,Christoph

(57) Abstract :
The invention refers to an energy storage system (1) with one or more local energy storage systems (4, 41, 42, 43) and a procedure to operate such an energy storage system (1). The local energy storage systems (4, 41, 42, 43) are connected to a non-local power supply grid (5) and/or one or more local power supply grids (6, 61, 62, 63, 64) each and comprise at least one local control unit (41-1, 42-1, 43-1), which is intended at least for control of the respective energy storage system (41, 42, 43) for localized regulating and system tasks (LRS) for the one or more respective local power supply grids (6, 61, 62, 63, 64); the energy storage system (1) furthermore comprises a central control unit (2) connected via the communication network (3) to the respective local control units (41-1, 42-1, 43-1), which is intended for control (SNL) of absorbing (En) and emitting (Ep) energy of the one or more local energy storage systems (4, 41, 42, 43) to the non-local power supply grid (5), with the central control unit (2) being equipped to dispose of all portions of the local storage capacities (LSKg) and the local output (LLg) of the one or more energy storage systems (4, 41, 42, 43) for non-localized regulating and system tasks (NLRS) in the non-local power supply grid (5), which have been submitted by the respective local control units (41-1, 42-1, 43-1) to the central control unit (2) via the communication network (3) as not required for the localized regulating and system tasks (LRS). This provides an energy storage system that permits concurrent improvement of the quality of the local power supply grid and non-local positive and negative energy provision.

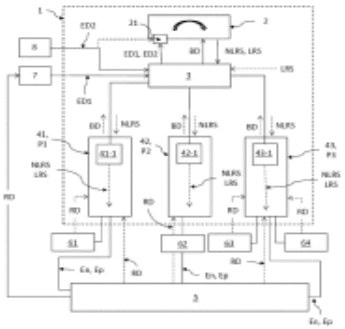

FIG.1

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.836/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTIMIZED CONTROL SYSTEM FOR AGGREGATION OF MULTIPLE BROADBAND CONNECTIONS OVER RADIO INTERFACES

(51) International classification :H04L12/66,H04W48/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/058157
Filing Date :29/09/2012
(87) International Publication No :WO 2014/051630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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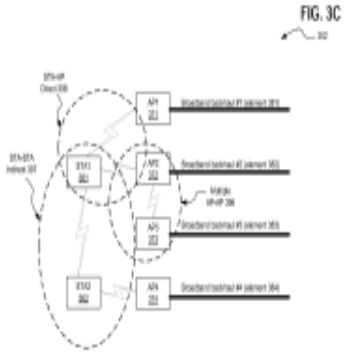
Address of Applicant :333 Twin Dolphin Drive Redwood City CA 94065 U.S.A.
(72)**Name of Inventor :**
1)KERPEZ Kenneth
2)CHIANG Mung

(57) Abstract :
In accordance with embodiments disclosed herein there are provided apparatus systems and methods for implementing and using optimized control systems for aggregation of multiple broadband connections over radio interfaces. For example such a system may include: a processor and a memory to perform instructions embodied by the system; a plurality of wireless transceivers; a traffic coordinator to interface to two or more wireless communications nodes together through the system in which each of the wireless communications nodes have access to a wide Area Network (WAN) backhaul connection independent of the system; a first wireless communications interface to a first wireless communication node established via a first of the plurality of wireless transceivers the first wireless communications node having access to a first WAN backhaul connection; a second wireless communications interface to a second wireless communications node established via a second of the plurality of wireless transceivers the second wireless communications node having access to a second WAN backhaul connection distinct from the first WAN backhaul connection; and a control module to receive information on traffic flows through the system and a radio environment within which the system operates in which the control module to: issue commands to control the formation and continuation of connections of the first and second wireless communications interfaces to WAN connections and WAN backhaul connections and to further provide scheduling and routing instructions for the WAN connections and WAN backhaul connections. Other related embodiments are disclosed.



No. of Pages : 55 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015
(21) Application No.897/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (1S 4S 5S) 4 BROMO 6 OXABICYCLO[3.2.1] OCTAN 7 ONE

(51) International classification :C07D307/94,C07D513/04
(31) Priority Document No :3605/DEL/2012
(32) Priority Date :23/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/JP2013/082111
Filing Date :22/11/2013
(87) International Publication No :WO 2014/081047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIICHI SANKYO COMPANYLIMITED
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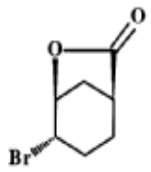
1)NAKAMURA Yoshitaka
2)MUKESH Kumar Madhra
3)INAMDAR Murad Ismail

(57) Abstract :
The present invention relates to an improved and industrially advantageous process for the preparation of (1S 4S 5S) 4 bromo 6 oxabicyclo [3.2.1] octan 7 one represented by the following formula (I) which is a key intermediate in the synthesis of edoxaban a compound that exhibits an inhibitory effect on activated blood coagulation factor X (also referred to as activated factor X or FXa) and is useful as a preventive and/or therapeutic drug for thrombotic diseases. The process includes reacting (1S) cyclohex 3 ene 1 carboxylic acid of formula (II) with a brominating agent selected from the group consisting of N bromosuccinimide or 1 3 dibromo 5 5 dimethylhydantoin in the presence of a base selected from calcium oxide or calcium hydroxide in a solvent selected from the group comprising of dichloromethane toluene tetrahydrofuran ethy1 acetate hexanes cyclopentyl methyl ether (CPME) or a mixture thereof to get (1S 4S 5S) 4 bromo 6 oxabicyclo [3.2.1] octan 7 one of formula (I).



(I)

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015
(21) Application No.963/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CAPACITOR USING MIDDLE OF LINE (MOL) CONDUCTIVE LAYERS

(51) International classification :H01L49/02,H01L23/522,H01L27/06
(31) Priority Document No :13/684059
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071347
Filing Date :21/11/2013
(87) International Publication No :WO 2014/081982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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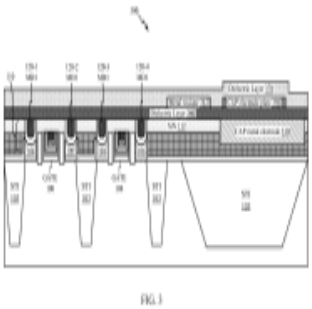
(72)**Name of Inventor :**
1)CHIDAMBARAM PR
2)YANG Bin

(57) Abstract :
A method for fabricating a metal insulator metal (MIM) capacito includes depositing a first middle of line (MOL) conductive layer over a shallow trench isolation (STI) region of a semiconductor substrate. The first MOL conductive layer provides a first plate (330) of the MIM capacitor as well as a first set of local interconnects (120 1...4) to source and drain regions (104 106) of a semiconductor device. The method also includes depositing an insulator layer (340) on the first MOL conductive layer as a dielectric layer of the MIM capacitor. The method further includes depositing a second MOL conductive layer (350) on the insulator layer as a second plate of the MIM capacitor.



No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.770/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PARTIAL DOWNLINK REPEATER APPARATUS AND METHODS USEFUL IN CONJUNCTION THEREWITH

(51) International classification :H04B7/15,H04B7/26,H04W72/00
(31) Priority Document No :222786
(32) Priority Date :01/11/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050875
Filing Date :27/10/2013
(87) International Publication No :WO 2014/068555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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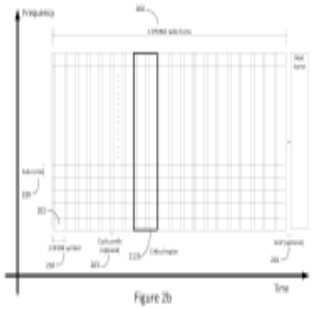
(72)**Name of Inventor :**
1)SHOSHAN Yaakov
2)KOIFMAN Gil

(57) Abstract :
For use with a cellular communication network having a base station transmitting downlink signals received by mobile device/s: a downlink signal reception enhancement system including partial repeater apparatus enhancing quality of reception of at least a portion of downlink signal/s by mobile device/s the partial repeater apparatus including a downlink receiver receiving at least a portion of downlink signal/s arriving from the base station; a controller including a critical region selector selecting only a portion of at least one individual downlink signal; and a partial transmitter generating signal/s by regenerating according to characteristic/s of at least one of a downlink signal and the mobile device at least the portion selected by the critical region selector and to transmit a signal including at least the regenerated portion plus less than all of the individual downlink signal.



No. of Pages : 78 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015

(21) Application No.832/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SCALABLE LOW LATENCY MULTI PROTOCOL NETWORKING DEVICE

(51) International classification :H04L29/06,H04L12/935,H04L12/931
(31) Priority Document No :61/702312
(32) Priority Date :18/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059344
Filing Date :12/09/2013
(87) International Publication No :WO 2014/046945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CISCO TECHNOLOGY INC.
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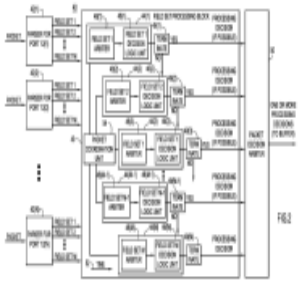
1)EDSALI Thomas J.
2)SUBAGIO,Putu Harry
3)FULLI alessandro
4)WILDMAN Christopher A.
5)LI Mingzhe
6)HUANG Wei-jen
7)HUANG Chih-tsung

(57) Abstract :
A network device receives a packet that includes a plurality of sets of fields. Sets of fields of the packet are parsed and the field sets are evaluated as soon as they are available to determine whether a processing decision can be made on the packet. Additional field sets may be parsed from the packet and obtained in parallel with determining whether a processing decision can be made but once it is determined that a processing decision can be made the evaluating of field sets is terminated such that any further field sets of the packet are ignored for purposes of making a processing decision for the packet.



No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/04/2015
(21) Application No.833/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ULTRA LOW LATENCY NETWORK BUFFER STORAGE

(51) International classification :H04L12/861
(31) Priority Document No :61/702326
(32) Priority Date :18/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059347
Filing Date :12/09/2013
(87) International Publication No :WO 2014/046947
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :170 West Tasman Drive San Jose CA 95134 1706 U.S.A.
(72)**Name of Inventor :**
1)CHAN Kelvin
2)DEVADAS Ganga S.
3)HUANG Chih-tsung
4)HUANG Wei-jen
5)NGUYEN,Dennis K.D.
6)YANG Yue J.

(57) Abstract :
Buffer designs and write/read configurations for a buffer in a network device are provided. According to one aspect a first portion of the packet is written into a first cell of a plurality of cells of a buffer in the network device. Each of the cells has a size that is less than a minimum size of packets received by the network device. The first portion of the packet can be read from the first cell while concurrently writing a second portion of the packet to a second cell.

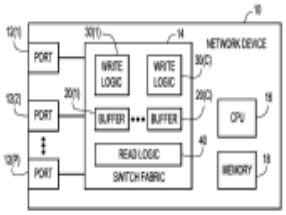

FIG.1

No. of Pages : 22 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.965/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INGENOL DERIVED COMPOUNDS THAT CAN BE USED FOR TREATING CANCER

(51) International classification :C07C69/618,C07C69/74,A61K31/216
(31) Priority Document No :BR 10 2012 028120 1
(32) Priority Date :01/11/2012
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2013/000455
Filing Date :31/10/2013
(87) International Publication No :WO 2014/066967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PIANOWSKI Luiz Francisco
2)TELLES Everardo Ferreira

(57) Abstract :
The present invention relates to novel ingenol derived compounds for treating cancer. In other aspects the invention relates to a pharmaceutical composition drug cancer treatment method and dosage form.

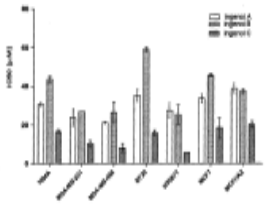


FIG. 1

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

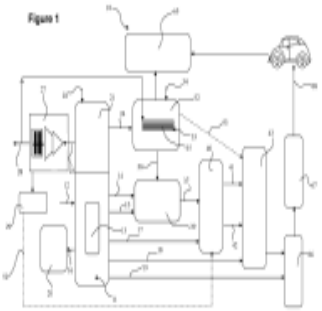
(21) Application No.966/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PRODUCING CARBON MONOXIDE

(51) International classification :C10J3/00,C04B2/10,C10L3/08
(31) Priority Document No :1217741.6
(32) Priority Date :04/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052586
Filing Date :04/10/2013
(87) International Publication No :WO 2014/053847
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROCKFUEL INNOVATIONS LIMITED
Address of Applicant :39 Shakespeare Road Lexden Colchester Essex CO3 4HL U.K.
(72)**Name of Inventor :**
1)STAMP Clive Roger

(57) Abstract :
A system (10) for producing carbon monoxide as a step in a process for the production of carbon neutral fuel includes heating apparatus (11) arranged to heat coal to produce coke and a limekiln (32). The limekiln (32) has an inlet (34) for the introduction of limestone a heater (35) for heating limestone contained therein and an outlet (36) for the release of carbon dioxide. A coke chamber (39) is operatively connected to the heating apparatus (11) to receive coke therefrom and is operatively connected to the limekiln outlet (36) to receive carbon dioxide therefrom. The coke chamber (39) is configured to react received coke with received carbon dioxide thereby to produce carbon monoxide.



No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2015
(21) Application No.908/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC MANUAL VIEWING DEVICE AND SYSTEM

(51) International classification :G06F9/44,G05B19/05
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/083693
Filing Date :26/12/2012
(87) International Publication No :WO 2014/102935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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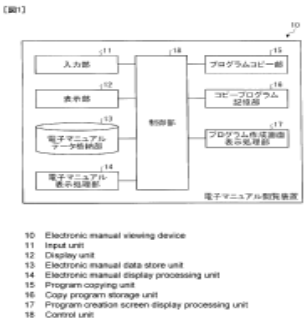
Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan
(72)**Name of Inventor :**
1)AMANO Koji
2)UDO Satoshi
3)SAKATA Hikaru

(57) Abstract :
An electronic-manual browsing apparatus includes an electronic-manual-display processing section 14 that displays, on an electronic-manual display screen on a display section 12, an electronic manual including a sample program concerning a control apparatus, a program-creation-screen-display processing section 17 that displays, on the display section 12, a program creation screen for creating a program used in the control apparatus, and a program copy section 15 that copies the sample program in the electronic manual selected according to an instruction from a user and temporarily stores the sample program. The program-creation-screen-display processing section 17 pastes the stored sample program in the program creation screen in a format editable on the program creation screen.



No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2015

(21) Application No.909/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TERMINAL CONNECTION DEVICE

(51) International classification :H01R4/48,H01H1/38,H01H1/50
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/050908
Filing Date :18/01/2013
(87) International Publication No :WO 2014/112098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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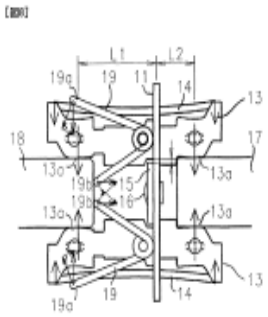
1)OKASHITA Hiroshi

(57) Abstract :
A terminal connection device in a circuit breaker the terminal connection device provided with contacts (12) a frame (11) a first urging member (14) and a second urging member (19). The contacts (12) comprise a plurality of electrically conductive members (13). The frame (11) holds two sets of the contacts facing one another. The first urging member (14) is disposed between the frame (11) and the rear surface of the contact maker (12) and acts on the electrically conductive member (13) so as to compress conductors (17 18) inserted between the contacts (12) at both end sides of the contacts (12). The second urging member (19) comes into contact with the conductor (18) inserted between the contacts (12) so as to rotate and acts on the electrically conductive members (13) so as to compress the contacts (12).



No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2015

(21) Application No.975/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMISSION AND RECEPTION OF ENHANCED PDCCH

(51) International classification :H04L1/00,H04L5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/069274
Filing Date :28/09/2012
(87) International Publication No :WO 2014/048503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)POPOVIC Branislav
3)SUN Weijun

(57) Abstract :
Communication of a receiver specific (i.e. UE specific) control channel signal (corresponding to an enhanced PDCCH) within a wireless communication system (100) to be received by a receiver UE (120) wherein receiver specific (UE specific) downlink control channel signals (EPDCCH) are scheduled for transmission over sets (240) of Physical Resource Block PRB pairs (250 0 250 1 250 2 250 3 250 4 250 5). Assignin signature sequences to PRB pairs in a configured EPDCCH set when said set is used by an eNB for transmission of an EPDCCH signal for a UE in order to improve the EPDCCH searching procedure at the UE. Advantage: reduction of blind detection attempts at the UE for distributed EPDCCH transmission. Solution: configuring an alphabet of at least one symbol each symbol in the alphabet is associated (mapped) with a modulation signature sequence in a configured set of modulation signature sequences; selecting for each configured receiver specific set of at least one PRB pair at least one modulation signature sequence by selecting a receiver specific codeword comprising a number of symbols from the configured alphabet; transmitting configured set of modulation signature sequences and or configured alphabet of symbols.

Fig. 3

No. of Pages : 60 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.916/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATIC INJECTION DEVICE WITH TRIGGER ASSEMBLY

(51) International classification :A61M5/20,A61M5/32
(31) Priority Document No :61/716029
(32) Priority Date :19/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064476
Filing Date :11/10/2013
(87) International Publication No :WO 2014/062488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
(72)**Name of Inventor :**
1)FOURT Jesse Arnold
2)SIMPSON Bradley
3)YURCHENCO,James R.
4)DAVIS-Wilson,Jennifer Ellen

(57) Abstract :
Automatic injection device with trigger assembly. The trigger assembly includes a button (25) and a single prong (160) extending from a biased element of the device toward the button. A button engaging surface (167) of the prong and a support surface of the device define a radially extending opening in which an actuating element (52) of the button fits for a radially outward face of the actuating element to be backed up by the support surface. For release of the biased element when the button is pressed to shift the actuating element to cause a latching surface of the prong to disengage from a latch surface of the device motion of the actuating element in a direction away from the prong is limited by the radially outward face of the actuating element abutting the support surface.

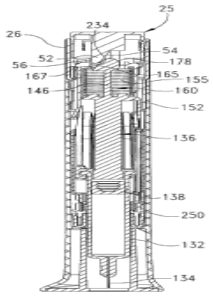


Fig. 16

No. of Pages : 80 No. of Claims : 13

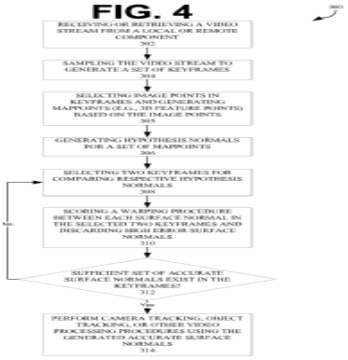
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.918/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR INITIALIZING AND SOLVING THE LOCAL GEOMETRY OR SURFACE NORMALS OF SURFELS USING IMAGES IN A PARALLELIZABLE ARCHITECTURE

(51) International classification :G06T7/20
(31) Priority Document No :61/722089
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065249
Filing Date :16/10/2013
(87) International Publication No :WO 2014/070457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)RAMACHANDRAN Mahesh
2)WAGNER Daniel
3)CHARI Murli Ramaswamy

(57) Abstract :
A system and method is described herein for solving for surface normals of objects in the scene observed in a video stream. The system and method may include sampling the video stream to generate a set of keyframes; generating hypothesis surface normals for a set of mappoints in each of the keyframes; warping patches of corresponding mappoints in a first keyframe to the viewpoint of a second keyframe with a warping matrix computed from each of the hypothesis surface normals; scoring warping errors between each hypothesis surface normal in the two keyframes; and discarding hypothesis surface normals with high warping errors between the first and second keyframes.



No. of Pages : 35 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

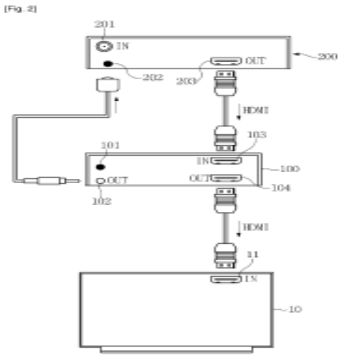
(21) Application No.984/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING ADVERTISEMENT

(51) International classification :H04N21/458,H04N21/2668
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2012/007920
Filing Date :28/09/2012
(87) International Publication No :WO 2014/051181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZAPPLE INC.
Address of Applicant :B 3 6 14 Bongeunsa ro 68 gil Gangnam gu Seoul 135 509 Republic of Korea
(72)**Name of Inventor :**
1)KIM Jong Ryul

(57) Abstract :
The present invention relates to an apparatus and a method for controlling an advertisement. The advertisement control apparatus comprises: a receiving end for receiving a signal caused by the operation of a remote controller on a front surface of a display; a transmitting end for transmitting a display control signal received through the receiving end to a set top box which manages broadcast and advertisement data for an electrically connected display; a data transceiving end connected to communicate with an advertisement server in order to receive advertisement data and advertisement information registered in the advertisement server; a data input terminal which is electrically connected to a data output terminal of the set top box in order to take as an input the broadcast data or advertisement data output from the set top box; a data output terminal which is electrically connected to the display in order to output to the display the broadcast data or advertisement data input through the data input terminal; and a control unit for preventing if a broadcast channel change signal is input during output of the broadcast data through the display broadcast data from being output through the display and controlling output of the broadcast data.



No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015
(21) Application No.848/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEMORY CELL ARRAY WITH RESERVED SECTOR FOR STORING CONFIGURATION INFORMATION

(51) International classification :G11C16/20,G11C7/20,G11C29/00
(31) Priority Document No :13/680361
(32) Priority Date :19/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070817
Filing Date :19/11/2013
(87) International Publication No :WO 2014/078864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)KIM Jung Pill
2)KIM Taehyun
3)KIM Sungryul

(57) Abstract :
A memory device is provided including a cell array and a volatile storage device. The cell array may include a plurality of word lines a plurality of bit lines wherein a selection of a word line and bit line defines a memory cell address and a non volatile reserved word line for storing configuration information for the cell array. The volatile storage device is coupled to the cell array. The configuration information from the nonvolatile reserved word line is copied to the volatile storage device upon power up or initialization of the memory device.

No. of Pages : 33 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.914/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS WEARABLE APPARATUS SYSTEM AND METHOD

(51) International classification :G01D21/00
(31) Priority Document No :61/704156
(32) Priority Date :21/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060453
Filing Date :18/09/2013
(87) International Publication No :WO 2014/047205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROTEUS DIGITAL HEALTH INC.
Address of Applicant :2600 Bridge Parkway Ste. #101 Redwood City CA 94065 U.S.A.
(72)**Name of Inventor :**
1)ARNE Lawrence
2)GRAVES Michael
3)IVANCHENKO Ilya

(57) Abstract :
Disclosed is a wireless wearable sensor apparatus. The wireless wearable sensor apparatus includes a sensor platform having a signal processing device with a computational engine to implement signal processing tasks. The sensor platform is configured to receive signals from at least one sensor coupled thereto. A wireless communication circuit is coupled to the sensor platform. The wireless communication circuit comprises a link master controller configured to communicate to a wireless device and transfer data. In one aspect the link master controller is configured to control data transmission over a communication link established with to wireless device comprising timing control and frequency control. The wireless wearable sensor may include a processor a memory and an accelerometer coupled to the sensor platform.

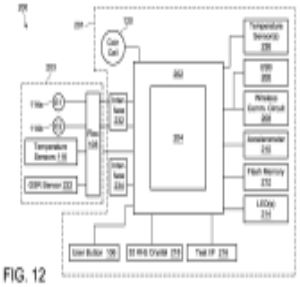


FIG. 12

No. of Pages : 41 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.915/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A BITUMEN EMULSION CONTAINING POLYALUMINUM COMPOUNDS

(51) International classification :C08K3/16,C08K3/22,C08G65/26
(31) Priority Document No :12194681.8
(32) Priority Date :28/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074670
Filing Date :26/11/2013
(87) International Publication No :WO 2014/082981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAGBERG,Daniel
2)SELSE,Dennis
3)JAMES Alan Duncan

(57) Abstract :
The invention relates to an additive for a bitumen emulsion which is a specific mixture of alkoxyiated compounds with low and high amounts of alkylene oxide units in combination with a polyaluminum compound. Using this additive it is possible to prepare an aqueous slow setting bitumen emulsion aggregate mix suitable for cold paving of roads parking places sidewalks and the like.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.980/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GASTRORETENTIVE DRUG FORMULATION AND DELIVERY SYSTEMS AND THEIR METHOD OF PREPARATION USING FUNCTIONALIZED CALCIUM CARBONATE

(51) International classification :A61K9/16,A61K9/20,A61K9/00
(31) Priority Document No :12188419.1
(32) Priority Date :12/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071140
Filing Date :10/10/2013
(87) International Publication No:WO 2014/057026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OMYA INTERNATIONAL AG
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(72)**Name of Inventor :**
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2)SCHOELKOPF, Joachim
3)GANE, Patrick A.C
4)EBERLE, Veronika Anna
5)ALLES, Rainer
6)PUCHKOV, Maxim
7)HUWYLER, Jrg

(57) Abstract :
An instantly floating gastroretentive drug formulation comprising at least one functionalized natural and/or synthetic calcium carbonate comprising mineral and at least one pharmaceutically active ingredient and at least one formulating aid wherein said functionalized natural or synthetic calcium carbonate is a reaction product of natural or synthetic calcium carbonate with carbon dioxide and one or more acids wherein the carbon dioxide is formed in situ by the acid treatment and/or is supplied from an external source.

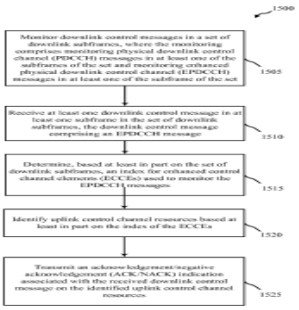

FIG. 15

No. of Pages : 38 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.981/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DETERMINING MAXIMUM POWER REDUCTION (MPR) FOR MULTI CLUSTER WIRELESS TRANSMISSIONS

(51) International classification :H04B1/04,H04W52/00
(31) Priority Document No :61/708995
(32) Priority Date :02/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063119
Filing Date :02/10/2013
(87) International Publication No :WO 2014/055684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COAN Philip David
2)DRAXLER Paul Joseph
3)YEO In Hyuck

(57) Abstract :
A method of wireless communication includes determining spectral positions of intermodulation distortion products for a multi cluster transmission. The method also includes mapping the spectral positions to corresponding spectral regions. The method further includes determining a maximum power reduction value of the multi cluster transmission based on the corresponding spectral regions.

FIG. 12

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2015
(21) Application No.862/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING MAIN EXHAUST FAN

(51) International classification :F27B21/14
(31) Priority Document No :201210579049.8
(32) Priority Date :27/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090544
Filing Date :26/12/2013
(87) International Publication No :WO 2014/101789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YUAN Lixin
2)SUN Chao
3)LU Yangquan
4)SHEN Weijie
5)GAO Pengshuang

(57) Abstract :
A method for controlling a main exhaust fan and a system for implementing the control method. The method comprises: obtaining air quantity of a large flue needed by normal sintering; obtaining the needed total negative pressure of the main exhaust fan by obtaining by using multiple databases a needed negative pressure of the large flue a negative pressure needed to be consumed in a pipeline and a negative pressure needed to be consumed on an air door; and finally controlling the main exhaust fan according to the total needed negative pressure of the main exhaust fan. By means of the method and the system thereof the main exhaust fan can be controlled to only provide a negative pressure and air quantity for ensuring the demand of normal sintering so that waste caused by an excessive air quantity is avoided thereby achieving the purpose of saving energy.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.927/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EPOXY RESIN CURING AGENT

(51) International classification :C08G59/42,C07D307/60
(31) Priority Document No :2012241520
(32) Priority Date :01/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078464
Filing Date :21/10/2013
(87) International Publication No :WO 2014/069273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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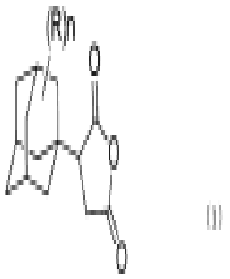
(72)**Name of Inventor :**
1)UENO, Shuichi
2)OGURO, Dai

(57) Abstract :
Provided is an epoxy resin curing agent that comprises the compound represented by formula (1). (In formula (1) R represents a methyl group an ethyl group or a hydroxyl group and n is an integer of 1 to 3.)



No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.928/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYETHYLENE COMPOSITIONS COMPRISING POLYPROPYLENE

(51) International classification :C08L23/08,C08L23/06,C08L23/10
(31) Priority Document No :12007130.3
(32) Priority Date :15/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071485
Filing Date :15/10/2013
(87) International Publication No :WO 2014/060391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :P.O. Box 5101 Riyadh 11422 Saudi Arabia
(72)**Name of Inventor :**
1)FELLAHI, Said

(57) Abstract :
The invention relates to a composition comprising linear low density polyethylene having a melt mass flow rate as determined using ASTM D 1238 (190°C/2.16kg) in the range from 4 to 125 g/10min or high density polyethylene having a melt mass flow rate as determined using ASTM D 1238 (190°C/2.16kg) in the range from 4 to 125 g/10min and polypropylene wherein the amount of polypropylene is from 0.005 to 10wt% based on the total weight of the linear low density polyethylene or the high density polyethylene and the polypropylene wherein the polypropylene has a melt temperature (Tm) from 40°C to 200°C and/or a crystallization temperature (Tc) from 100°C to 140°C wherein the Tm and Tc are determined using Differential Scanning Calorimetry according to ASTM D 3418 08 using a scan rate of 10°C/min on a sample of 10mg and using the second heating cycle. The invention also relates to the use of said composition in (thin wall) injection molding.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.993/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLAR AIR HEATING / COOLING SYSTEM

(51) International classification :F24J2/00,F24J2/04,F24J2/52
(31) Priority Document No :602507
(32) Priority Date :02/10/2012
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2013/000185
Filing Date :02/10/2013
(87) International Publication No :WO 2014/054954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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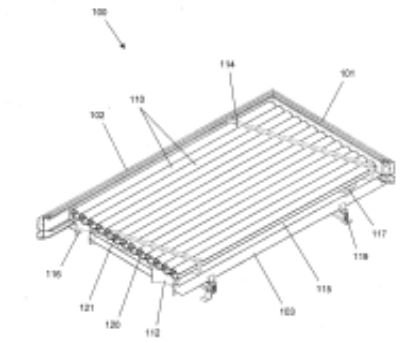
Address of Applicant :C/ James & Wells Intellectual Property Level 12 KPMG Centre 85 Alexandra Street Hamilton 3204 New Zealand
(72)**Name of Inventor :**
1)COULTER Grace

(57) Abstract :
The invention relates to a system for using solar energy to ventilate a space particularly the interior of a building although other structures may also be ventilated such as crop stores desalination plants glass houses and power generation plants. The system can operate in different modes so that solar energy is used to heat or cool the space as required. Part of the system is a solar heat collector which absorbs available solar energy. The solar heat collector includes two separate channels able to receive air from different sources and pass them in counter flow. The channels transfer heat between them using an efficient turbulence inducing structure that enables the system to operate in the different modes to heat or cool a space.



No. of Pages : 56 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.925/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH HEELS CAPABLE OF EXERCISING ACHILLES TENDONS WHILE WALKING

(51) International classification :A43B7/22,A43B7/32,A43B13/14
(31) Priority Document No :1020120116943
(32) Priority Date :19/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009341
Filing Date :18/10/2013
(87) International Publication No :WO 2014/062031
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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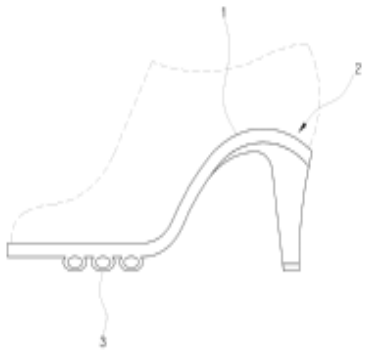
(72)**Name of Inventor :**
1)PARK Young Soul

(57) Abstract :
The present invention relates to high heels for women and particularly to high heels which not only prevent loads from being concentrated on the toes when worn but also absorb shock to achieve walking comfort and in which stress is provided to the arch of the sole so as to prevent deformation of the toes and exercise the Achilles tendons so as to protect the joints and correct posture so as to prevent damage to the spine. To this end a protrusion (1) is formed at the part supporting the rear end of the arch of the sole and an inclination (2) is formed at the rear end of the protrusion (1) in the downward direction from the heel part of the sole to the end thus exercising the Achilles tendons while walking.



No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.926/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CIRCUMFERENTIAL STIFFENERS FOR COMPOSITE FANCASES

(51) International classification :B29B11/16,F01D25/24
(31) Priority Document No :13/658578
(32) Priority Date :23/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065874
Filing Date :21/10/2013
(87) International Publication No :WO 2014/066229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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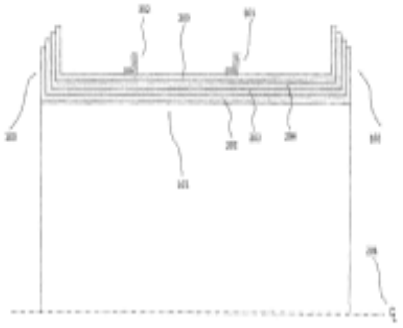
(72)**Name of Inventor :**
1)GOERING Jonathan

(57) Abstract :
Woven preforms for example those used far jet aircraft engine fancases may need additional stiffeners to improve the strength and/ or dynamic performance of the preform assembly as well as to serve as attachment points. The present invention describes a improved woven preform (101) that includes circumferential stiffeners (301 302 added to the woven preform.

FIG. 3



No. of Pages : 36 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.990/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BUTADIENE EXTRACTION PROCESS

(51) International classification :C07C7/08,C07C11/167,B01J19/24
(31) Priority Document No :61/720038
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065056
Filing Date :15/10/2013
(87) International Publication No :WO 2014/070447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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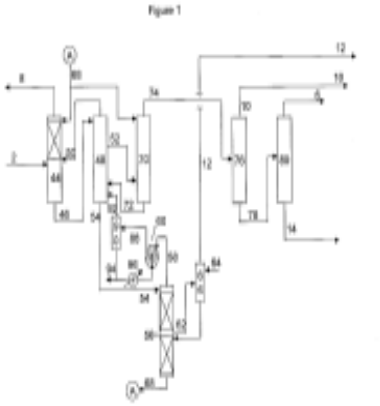
Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)SCHWINT Kevin John
2)BRUMMER Robert j.

(57) Abstract :
4A process for recovering 1 3 butadiene from a C fraction where the butadiene extraction processes may be operated at an intermediate pressure using a liquid ring type compressor. The use of a liquid ring compressor among other process options presented herein may advantageously reduce capital and operating costs similar to the compressorless option while mitigating the risks associated with the higher operating temperatures and pressures associated with the compressorless option. Thus the embodiments of the processes disclosed herein encompass the best features of the conventional design (low pressure with a compressor) with the advantages of the compressorless design (low capital and operating cost) as well as other advantages unique to the systems disclosed herein.



No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.991/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FUNCTIONALIZED NANOTUBE SENSORS AND RELATED METHODS

(51) International classification :G01N33/48,G01N33/50
(31) Priority Document No :61/795850
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067319
Filing Date :29/10/2013
(87) International Publication No :WO 2014/070780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOHANTY, Swomitra, Kumar

(57) Abstract :
Functionalized nanotube arrays sensors and related methods of detecting target compounds are presented. A functionalized nanotube array (235) can include a plurality of metal oxide nanotubes (240). The metal oxide nanotubes (240) can be formed of a metal oxide and can have an interior or exterior surface that is optionally functionalized with at least one metal ion. These metal nanotubes (240) can be used in a sensor (200) for detecting target compounds such as volatile organic compounds and biomarkers in a fluid environment. The sensor (200) can further include a power source (245) configured to apply a voltage to the nanotube array (235) and a current sensor (250) configured to monitor and detect changes in a response current which varies upon binding with the target compounds.

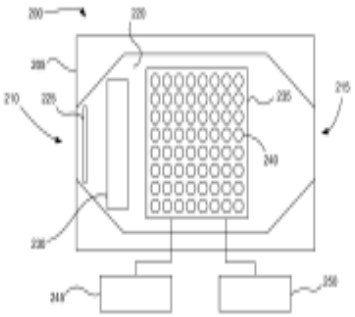


FIG. 1B

No. of Pages : 41 No. of Claims : 28

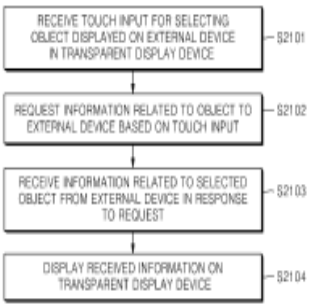
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015
(21) Application No.797/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DISPLAYING INFORMATION ON TRANSPARENT DISPLAY DEVICE

(51) International classification :G06F3/041,G06F3/01
(31) Priority Document No :1020120104156
(32) Priority Date :19/09/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008399
Filing Date :17/09/2013
(87) International Publication No :WO 2014/046456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE Chang-soo
2)KANG Kyung-a

(57) Abstract :
A method and system for displaying information on a transparent display device includes receiving a touch input for selecting an object displayed on a screen of an external device that is viewable through a screen of the transparent display device requesting the external device for information related to the object receiving the information related to the object from the external device and displaying the received information on the screen of the transparent display device.



No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.920/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENERGY STORAGE MODULE WITH DC VOLTAGE INTERMEDIATE CIRCUIT

(51) International classification :H02J3/30,H02J15/00,H02K7/02
(31) Priority Document No :12186479.7
(32) Priority Date :28/09/2012
(33) Name of priority country :EPO
(86) International Application No:PCT/EP2013/068724
Filing Date :10/09/2013
(87) International Publication No :WO 2014/048727
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Stetternicher Staatsforst 52428 J¼lich Germany
(72)**Name of Inventor :**
1)VOR DEM ESCHE Rainer
2)SCHAFER Christoph
3)TREPPMANN,Christoph

(57) Abstract :
The invention relates to an energy storage module (1) for reversibly storing electrical energy in the form of mechanical rotation energy with a DC voltage intermediate circuit (5) and to a method for controlling an energy storage module of this kind. The energy storage module (1) comprises a plurality of flywheel storage units (2) at least one control system (3) and at least one module control unit (4) wherein the flywheel storage units (2) are connected electrically in parallel by means of a common DC voltage intermediate circuit (5) and the control system or control systems (3) is/are connected by way of the output end (31) to the DC voltage intermediate circuit (5) and by way of the input end (32) to at least one external voltage supply system (LS NS) wherein the module control unit (4) is provided for transmitting (U1) suitable prespecified torques (DV) to the flywheel storage units (2) for emitting (Ep) or absorbing (En) energy to/from the DC voltage intermediate circuit (5) and at least one of the control systems (3) is designed to control the DC voltage (DC) in the DC voltage intermediate circuit (5) such that the DC voltage (DC) remains substantially constant between an upper threshold value (SW1) and a lower threshold value (SW2) when energy is emitted (Ep) into the external voltage supply system or systems (LS NS) and when energy is absorbed (En) from the external voltage supply system or systems (LS NS).

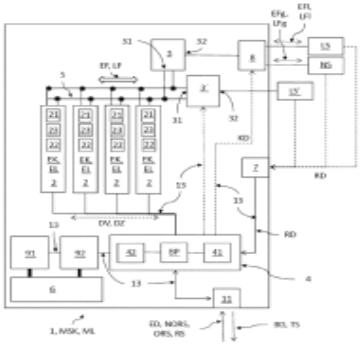

FIG.1

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.921/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HERBICIDAL AZINES

(51) International classification :C07D251/42,C07D251/48,A01N43/66
(31) Priority Document No :12189762.3
(32) Priority Date :24/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072055
Filing Date :22/10/2013
(87) International Publication No :WO 2014/064094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
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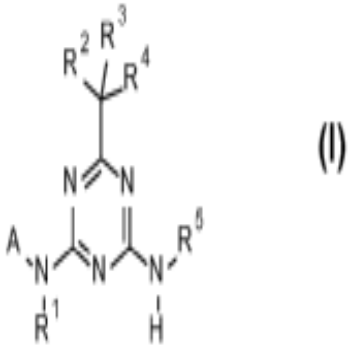
(72)**Name of Inventor :**
1)NEWTON,Trevor William
2)VOGT Florian
3)MAJOR Julia
4)HANZLIK Kristin
5)PARRA RAPADO Liliana
6)KORDES Markus
7)SEITZ Thomas
8)WITSCHEL Matthais
9)KREUZ Klaus
10)HUTZLER Johannes
11)EVAVNS Richard Roger
12)LERCHL Jens

(57) Abstract :
The present invention relates t oazines of formula (I) wherein the variables are defined according to the description processes and intermediated for preparing them compositions comprising them and their use as herbicides i.e. for controlling harmful plants and a method for controlling unwanted vegetation which comprises allowing a herbicidal effective amount of at least one azine of the formula I to act on plants their seed and/or their habitat.



(I)

No. of Pages : 132 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.995/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUDIO SIGNAL ENCODING/DECODING METHOD AND AUDIO SIGNAL ENCODING/DECODING DEVICE

(51) International classification :G10L19/08,G10L21/007
(31) Priority Document No :201310010936.8
(32) Priority Date :11/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/079804
Filing Date :22/07/2013
(87) International Publication No :WO 2014/107950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)LIU Zexin
2)WANG Bin
3)MIAO Lei

(57) Abstract :
Provided are an audio signal encoding/decoding method an audio signal encoding/decoding device a transmitter a receiver and a communication system which can improve encoding and/or decoding performance.The audio signal encoding method comprises: dividing time domain signals to be encoded into a low frequency band signal and a high frequency band signal (110);encoding the low frequency band to obtain a low frequency encoding parameter (120);calculating a voicing factor according to the low frequency encoding parameter and predicting a high frequency band excitation signal according to the low frequency encoding parameter the voicing factor being used for indicating that the high frequency band signal appears as the extent of voicing characteristics (130);weighting the high frequency band excitation signal and random noise using the voicing factor so as to obtain a synthetic excitation signal (140);and based on the synthetic excitation signal and the high frequency band signal obtaining a high frequency encoding parameter (150).The present invention can improve the encoding or decoding effect.

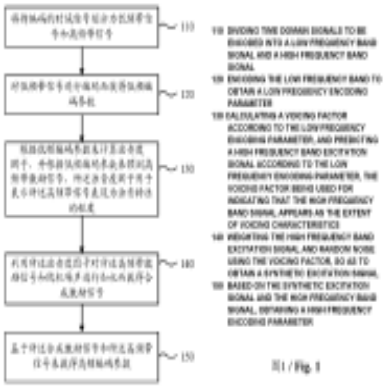

图1 / Fig. 1

No. of Pages : 60 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.912/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HYBRID TRANSFORMER STRUCTURE ON SEMICONDUCTOR DEVICES

(51) International classification :H01L49/02,H01F19/04,H01L23/522
(31) Priority Document No :13/684103
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071349
Filing Date :21/11/2013
(87) International Publication No :WO 2014/081983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LO Chi Shun
2)LAN Je Hsiung
3)VELEZ,Mario Francisco
4)KIM Jonghae

(57) Abstract :
Several novel features pertain to a hybrid transformer formed within a semiconductor die having multiple layers. The hybrid transformer includes a first set of windings (702) positioned on a first layer of the die. The first layer is positioned above a substrate of the die. The first set of windings includes a first port (706) and a second port (708). The first set of windings is arranged to operate as a first inductor. The hybrid transformer includes a second set of windings (704) positioned on a second layer of the die. The second layer is positioned above the substrate. The second set of windings includes a third port (710) a fourth port (712) and a fifth port (714). The second set of windings is arranged to operate as a second inductor and a third inductor. The first set of windings and the second set of windings are arranged to operate as a vertical coupling hybrid transformer.

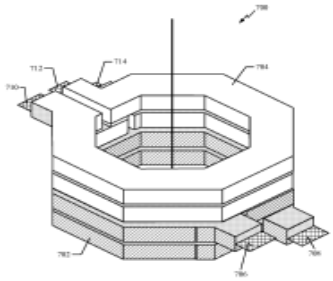

FIG. 7

No. of Pages : 48 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.913/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : UPLINK CONTROL AND DATA TRANSMISSION IN MULTIFLOW ENABLED NETWORKS

(51) International classification :H04W52/32,H04W52/34,H04W52/36
(31) Priority Document No :61/725368
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069631
Filing Date :12/11/2013
(87) International Publication No :WO 2014/075053
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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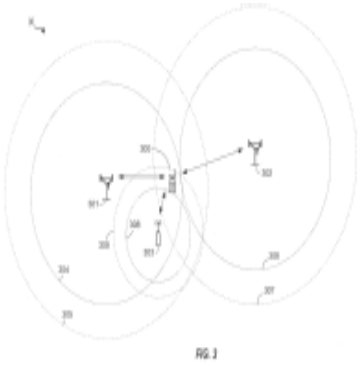
(72)**Name of Inventor :**
1)DAMNJANOVIC Jelena
2)WEI Yongbin
3)GAAL Peter

(57) Abstract :
Signaling and procedural considerations are disclosed for uplink multiflow operations in user equipment configured for carrier aggregation. Advanced wireless networks may take advantage of unused capacity of neighboring cells by configuring network nodes and UEs to both receive on the downlink and transmit on the uplink to multiple cells or network nodes. Implementing multiflow on UE for the uplink transmission process may cause issues in various channels signaling and procedural operations that may be addressed through data and control signaling the techniques disclosed herein.



No. of Pages : 70 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.982/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : UNMANNED AIRCRAFT AND OPERATING METHOD FOR THE SAME

(51) International classification :B64C39/02,B64D27/02,B64D27/24
(31) Priority Document No :10 2012 021 339.5
(32) Priority Date :31/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000620
Filing Date :22/10/2013
(87) International Publication No :WO 2014/067506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STEINWANDEL, J¼rgen
2)STAGLIANO, Florian
3)VAN TOOR, Jan

(57) Abstract :
The invention relates to an unmanned aircraft (10) the drive (12) of which comprises an internal combustion engine (28) designed as a diesel and/or kerosene engine and having a charging device (30) for charging the engine. In particular a hybrid drive (32) more especially a parallel hybrid drive is provided as the drive (12).

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015
(21) Application No.983/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS AND APPARATUS FOR MAKING INORGANIC SHEET

(51) International classification :B28B1/52,B22F3/18,B22F5/00
(31) Priority Document No :12290361.0
(32) Priority Date :22/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071920
Filing Date :21/10/2013
(87) International Publication No :WO 2014/064027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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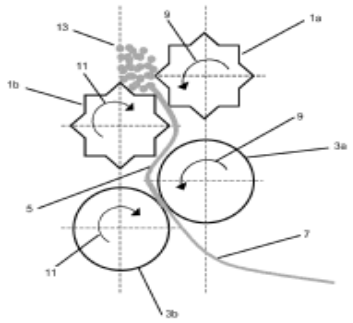
Address of Applicant :154 rue de luniversit F 75007 Paris France
(72)**Name of Inventor :**
1)ZHANG, Wen
2)GASGNIER, Gilles
3)SEVAGEN, Alexandre

(57) Abstract :
Methods for making an inorganic sheet (7) a sintered ceramic sheet and a sintered multilayered ceramic composite an inorganic sheet (7) sintered ceramic sheet and a sintered multilayered ceramic composite obtainable by such methods and an apparatus configured to carry out such methods.

Figure 1



No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2015

(21) Application No.793/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PACKAGED MICROPHONE SYSTEM WITH INTEGRATED PASSIVE DEVICE DIE

(51) International classification :H04R1/04,B81B7/00,B81C1/00
(31) Priority Document No :13/652950
(32) Priority Date :16/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/058381
Filing Date :06/09/2013
(87) International Publication No :WO 2014/062305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INVENSENSE INC.
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(72)**Name of Inventor :**
1)BOLOGNIA David
2)GUERY Alain Valentin

(57) Abstract :
A transducer system (17) has a package (38) forming an interior chamber (50) and a MEMS transducer (42) e.g. a MEMS microphone secured within the interior chamber (50). The package (38) forms an aperture (52) for permitting acoustic access to the interior of the chamber (50) and thus the MEMS transducer (42). The system (17) also has two dies (44 46); namely the system (17) has a primary circuit die (44) within the interior chamber (50) and an integrated passive device die (46) electrically connected with the primary circuit die (44). The primary circuit die (44) is electrically connected with the MEMS transducer (42) and has at least one active circuit element.

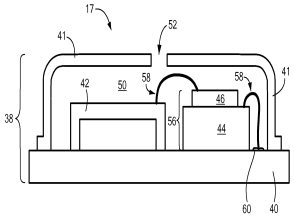

FIG. 4

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.919/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLUID DISPENSER WITH INCREASED STABILITY

(51) International classification :B05B11/00,B05B15/00,B05B15/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/056168
Filing Date :20/09/2012
(87) International Publication No :WO 2014/046657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KHARBANDA Hardave S.

(57) Abstract :
A dispenser with increased stability includes a pillar tube (12) extending from the stem spring chamber assembly (208 212) at the top of the fluid reservoir (216) to the bottom surface (217) of the fluid reservoir (216). The pillar tube (12) transmits the force that the user employs to dispense fluid from the hand of the user to a pressure sensitive attachment device (202) at the bottom surface (217) of the fluid reservoir (216).

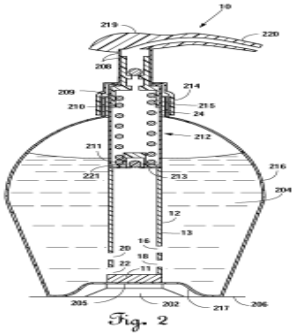

Fig. 2

No. of Pages : 55 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.987/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FORK ASSEMBLY WITH ELECTROVALVE

(51) International classification :B62K25/06,F16F9/46
(31) Priority Document No :AN2012A000145
(32) Priority Date :08/11/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/072446
Filing Date :25/10/2013
(87) International Publication No :WO 2014/072191
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PEZZI, Enrico
2)FRONTALI, Francesco
3)CAPORALETTI, Claudio

(57) Abstract :
A fork assembly (300; 400) comprising an external pipe (1) closed on top with a first plug (10) an internal pipe (2) slidably housed inside said external pipe (1) and a cartridge (3) disposed inside said internal pipe (2) and closed with a closing bush (30); said fork (300 400) also comprising an electrovalve (8) disposed in intermediate position between the closing bush (30) of the cartridge (3) and the first plug (10) of the external pipe (1).

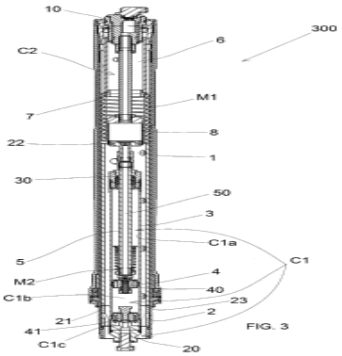

FIG. 3

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.988/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A NON WOVEN MICROFIBROUS SUEDE LIKE SYNTHETIC FABRIC

(51) International classification :D06N3/00,D06N3/14
(31) Priority Document No :MI2012A001780
(32) Priority Date :22/10/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/059498
Filing Date :21/10/2013
(87) International Publication No :WO 2014/087271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CARDINALI, Walter
2)ROMANI, Gianni
3)ARMADORI, Paolo
4)PALOMBA, Giovanni
5)ZOPPITELLI, David

(57) Abstract :
The present invention refers to a process for the preparation of a non woven microfibrous suede like synthetic fabric that does not require the use of organic solvents and that makes it possible to obtain a finished product offering a good hand excellent resistance to yellowing and high durability. It comprises needle punching a felt of sea/island fibres (a) impregnation with hot aqueous solution of PVOH having a degree of saponification of at least 94% or (b) impregnation with hot water followed by impregnation with cold PUR removing the sea component impregnating with PUR coagulating the PUR removing the PVOH grinding the surface dyeing and splitting in two sheets.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.923/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TWIN TYPE FILAMENT DRAFTING AND WINDING APPARATUS

(51) International classification :D01D13/00
(31) Priority Document No :201210366215.6
(32) Priority Date :27/09/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/083701
Filing Date :18/09/2013
(87) International Publication No :WO 2014/048266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEIJING CHONGLEE MACHINERY ENGINEERING CO. LTD
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2)WU SHOUJUN
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4)WU, Changmu
5)LI, Jingtao
6)DONG, Wentao
7)XIAO, Qianling

(57) Abstract :
A twin type filament drafting and winding apparatus. The apparatus comprises a longitudinal upright framework (1) a drafting apparatus (2) longitudinally disposed on an upper portion of one side of the framework and a winding apparatus (3) longitudinally disposed on a lower portion of the same side of the framework. The drafting apparatus (2) is a preformed part integrated by multiple drafting parts and mounted on a mounting panel (21) and has a filament outlet facing downwards. The winding apparatus (3) comprises two synchronously driven winding heads (31) and the two synchronously driven winding heads (31) are longitudinally disposed on two sides below the filament outlet of the drafting apparatus (2). In the apparatus the utilization rate of space above the winding apparatus is increased and the occupied area of the device is deceased.

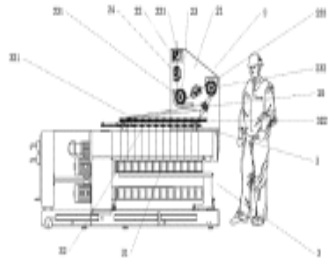

FIG. 1

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015
(21) Application No.924/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR EFFICIENT COMMUNICATIONS SYSTEM SCANNING

(51) International classification :H04W48/16
(31) Priority Document No :61/716235
(32) Priority Date :19/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065743
Filing Date :18/10/2013
(87) International Publication No :WO 2014/063095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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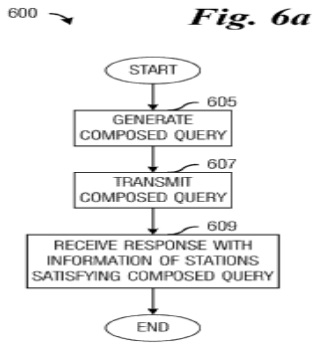
(72)**Name of Inventor :**
1)CALCEV George
2)CHEN Bin
3)AHMED Hanan

(57) Abstract :
A method for wireless communications includes generating a composed query for obtaining information about a subset of neighboring stations of a responding station which satisfy the composed query the composed query including a logical combination of attributes and values (block 605) and transmitting the composed query to the responding station (block 607). The method also includes receiving the information (block 609).



No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015
(21) Application No.989/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELECTIVE OLEFIN EXTRACTION

(51) International classification :C07C7/08,C07C9/10,C07C11/08
(31) Priority Document No :61/723512
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064104
Filing Date :09/10/2013
(87) International Publication No :WO 2014/074261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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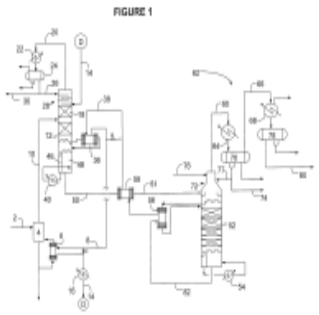
Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)SCHWINT Kevin John
2)BRUMMER Robert j.

(57) Abstract :
A process and system for separating butenes and butanes by extractive distillation using a polar solvent is disclosed. The process may include: contacting a hydrocarbon mixture including butanes and butenes with a lean solvent mixture in an extractive distillation column to form an enriched solvent fraction comprising butenes; recovering an overheads fraction comprising butanes and a bottoms fraction from the extractive distillation column; feeding the bottoms fraction to a stripper including a stripping section and a wash section; recovering the lean solvent mixture as a bottoms fraction and a stripper overheads fraction comprising butenes and water from the stripper; condensing the overheads fraction to form a water fraction and a product butenes fraction; feeding water as reflux to a top of the stripper wash section; feeding at least a portion of the condensed water fraction intermediate the top and bottom of the stripper wash section as a second reflux.



No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015
(21) Application No.992/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR LATENCY MEASUREMENT IN COMMUNICATION SYSTEMS

(51) International classification :H04L12/26,H04L12/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/059395
Filing Date :09/10/2012
(87) International Publication No :WO 2014/058416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GOLDBURG Marc
3)GARCIA Carlos
4)RHEE Wonjong

(57) Abstract :
Described is a method and system for latency measurement in communication systems. The method comprises: determining by a first communication device a power management state of a second communication device; transmitting by the first communication device one or more packets to the second communication device over a communication link the one or more packets to be received by the second communication device while in the power management state; receiving from the second communication device over the communication link one or more response packets in response to the one or more packets; and determining a latency of the communication link when the second communication device is in the power management state based on the one or more packets and the one or more response packets.

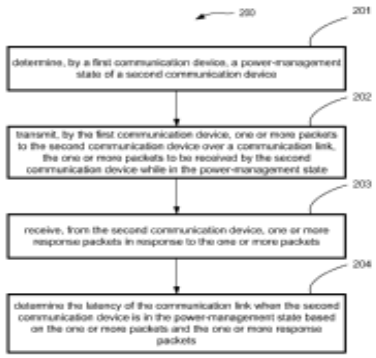

FIG. 2

No. of Pages : 44 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.994/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POWER ADJUSTMENT METHOD AND DEVICE

(51) International classification :H04W52/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/083835
Filing Date :31/10/2012
(87) International Publication No :WO 2014/067092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
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1)ZHAO Yueying
2)WANG Zongjie

(57) Abstract :
Embodiments of the present invention provide a power adjustment method and a device. The method comprises: according to a difference value between pilot signal power of a macro base station and pilot signal power of a micro base station; determining an increment of a signal to interference ratio target value of a service cell of a UE wherein the service cell of the UE is at least one cell of a macro cell where the macro base station is located and a micro cell where the micro base station is located; increasing the signal to interference ratio target value by the increment and sending the signal to interference ratio target value to a base station in the service cell of the UE so that the base station in the service cell of the UE controls the UE to increase emission power of an HS DPCCH. According to a technical scheme of the present invention demodulation performance of the HS DPCCH can be increased when the UE is in a soft switching area.

图1 / Fig. 1

No. of Pages : 73 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.996/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPRING BRAKE CHAMBER

(51) International classification :F16D65/28,F16J12/00,F16D121/10
(31) Priority Document No :2012243936
(32) Priority Date :05/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079929
Filing Date :05/11/2013
(87) International Publication No :WO 2014/069663
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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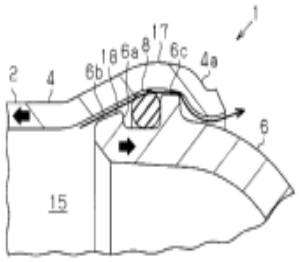
(72)**Name of Inventor :**
1)SHIMOMURA Takeo
2)NISHIMURA Akinori

(57) Abstract :
This spring brake chamber contains a first case a second case and connecting case. The first case has an open end a closed end and an open end section. An outer positioning part that is tapered so as to increase in diameter with decreasing distance from the open end of the first case is formed in the open end section of the first case. The connecting case connects the first and second cases to each other and has a first case side open end and an open end section. An inner positioning part that is tapered so as to decrease in diameter with decreasing distance from the open end of the connecting case is formed in the open end section of the connecting case. By attaching the outer positioning part outside the inner positioning part the first case is positioned with respect to the connecting case.

[図5]



No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015
(21) Application No.997/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOGRAFTING OSTEOTOME

(51) International classification :A61B17/16,A61C3/02
(31) Priority Document No :61/727849
(32) Priority Date :19/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055539
Filing Date :19/08/2013
(87) International Publication No :WO 2014/077920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A fluted osteotome is rotated in one direction to enlarge an osteotomy by burnishing and by cutting/drilling when turned in an opposite direction.. A conic ally tapered body has an apical end with lips. The lips are set to grind bone when rotated in the burnishing direction and cut bone when toned in the cutting /drilling direction. Helical flutes and interposed lands are disposed about the body. The flutes each have a working edge that burnishes bone when rotated in the burnishing direction and cuts bone when turned in the cutting/drilling direction. The lips and lands generate an opposing axial reaction force that improves surgical control. The osteotome auto grafts bone by reapplying ground particles in a compacted manner along the entire depth of the osteotomy particularly at the bottom.

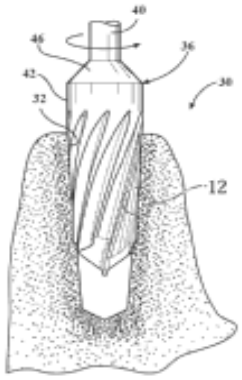

FIG. 11

No. of Pages : 61 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.998/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONDENSING IMPLANT

(51) International classification :A61C8/00,A61F2/28,A61B17/86
(31) Priority Document No :61/735558
(32) Priority Date :11/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074384
Filing Date :11/12/2013
(87) International Publication No :WO 2014/093487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
An anchoring implant to be screwed into a hole and self lock therein with secure stability. The implant which may be used in dental orthopedic or any of several non medical applications has a conically tapered profile with an aggressively threaded self tapping apical end. A central region of the implant is formed with a plurality of burnishing edges each configured to apply a circumferentially sweeping compressive strain to the interior surface of the hole with a burnishing action while the implant is being screwed into position. A coronal end of the implant includes a corking feature to avert mushrooming around the perimeter of the hole. A central thread profile may extend through and intersect the burnishing edges to provide either enhanced self tapping or enhanced corking functionality. The extreme coronal end comprises a platform for receiving an abutment or other fastening element via an internal connect feature.

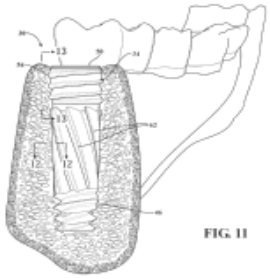

FIG. 11

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015
(21) Application No.999/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTRACAVITY ILLUMINATION DEVICE

(51) International classification :A61B1/06
(31) Priority Document No :61/724044
(32) Priority Date :08/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050915
Filing Date :06/11/2013
(87) International Publication No :WO 2014/072976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :72 Hamyeasdim st. 3091212 Zychron Yacov Israel
(72)**Name of Inventor :**
1)EMODI Omri

(57) Abstract :
The present invention relates to an intracavity system and method for illuminating a surgical site within a body cavity to be used with a stationary surgical device. The system comprises at least one light source comprising a light emitting diode configured and operable to emit illumination light into the body cavity. The light emitting diode is mounted on a coupling assembly for securing the light emitting diode to an external surface of the stationary surgical device to permit selectively fastening the light source to any desired location along the stationary surgical device and repositioning thereof. Each of the at least one light source is connected via a wire to a handheld self contained electrical power supply unit. The wire is configured to transmit power supply energy from the power supply unit to the light source.

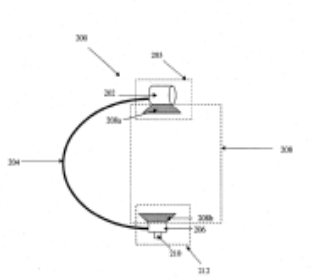

Fig. 3

No. of Pages : 19 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.930/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODAL WORKLOAD SCHEDULING IN A HETEROGENEOUS MULTI PROCESSOR SYSTEM ON A CHIP

(51) International classification :G06F1/32,G06F1/20
(31) Priority Document No :13/658229
(32) Priority Date :23/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061334
Filing Date :24/09/2013
(87) International Publication No :WO 2014/065970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Morison Thomas A.
3)PAKH Hee-jun

(57) Abstract :
Various embodiments of methods and systems for mode based reallocation of workloads in a portable computing device (PCD) that contains a heterogeneous multi processor system on a chip (SoC) are disclosed. Because individual processing components in a heterogeneous multi processor SoC may exhibit different performance capabilities or strengths and because more than one of the processing components may be capable of processing a given block of code mode based reallocation systems and methodologies can be leveraged to optimize quality of service (QoS) by allocating workloads in real time or near real time to the processing components most capable of processing the block of code in a manner that meets the performance goals of an operational mode. Operational modes may be determined by the recognition of one or more mode decision conditions in the PCD.

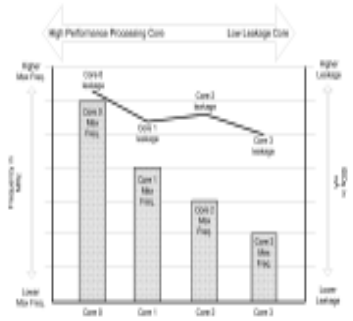

FIG. 1

No. of Pages : 42 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.931/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : THROUGH SILICON OPTICAL INTERCONNECTS

(51) International classification :H01L25/16,H04B10/80
(31) Priority Document No :61/726249
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070011
Filing Date :14/11/2013
(87) International Publication No :WO 2014/078485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GU Shiqun
3)NOWAK Matthew M.

(57) Abstract :
Some implementations provide a semiconductor device that includes a first die and an optical receiver. The first die includes a back side layer having a thickness that is sufficiently thin to allow an optical signal to traverse through the back side layer. The optical receiver is configured to receive several optical signals through the back side layer of the first die. In some implementations each optical signal originates from a corresponding optical emitter coupled to a second die. In some implementations the back side layer is a die substrate. In some implementations the optical signal traverses a substrate portion of the back side layer. The first die further includes an active layer. The optical receiver is part of the active layer. In some implementations the semiconductor device includes a second die that includes an optical emitter. The second die coupled to the back side of the first die.

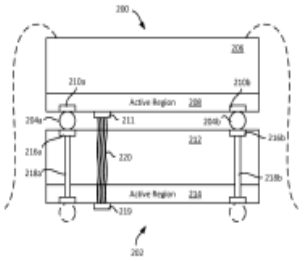

FIG. 2

No. of Pages : 60 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.932/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GAIN CONTROL FOR INTRA BAND CARRIER AGGREGATION

(51) International classification :H03G3/32,H04L27/26,H04L27/38
(31) Priority Document No :61/723730
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066975
Filing Date :25/10/2013
(87) International Publication No :WO 2014/074334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SAMPSON Wesley A.
3)GOROKHOV Alexei Yurievitch
4)ZHAO Pengkai

(57) Abstract :
In a wireless communication system carrier aggregation may be used to provide desired amounts of bandwidth where a primary carrier and one or more secondary carriers are aggregated. At the receive side of a system in which the aggregated carriers are in a single frequency band an amplifier may be used to apply a common gain to the aggregated carriers in the single frequency band and the common gain may be determined as a function of indications of received signal quality associated with groups of aggregated carriers containing one or more of the aggregated carriers where one group contains the primary carrier and possible one or more secondary carriers and another group contains only secondary carriers.

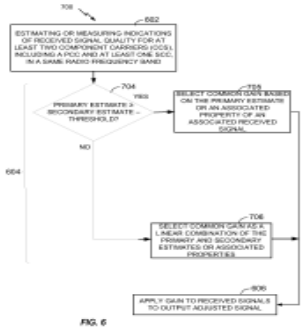

FIG. 6

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.804/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LAUNDRY COMPOSITIONS

(51) International classification :C11D1/83,C11D3/22,C11D17/00
(31) Priority Document No :12188858.0
(32) Priority Date :17/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070846
Filing Date :07/10/2013
(87) International Publication No :WO 2014/060235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CROSSMAN Martin Charles
2)FAIRGRIEVE Craig Jonathon
3)KHOSHDEL Ezat

(57) Abstract :
The present invention relates to a laundry detergent composition comprising (a) nonionic surfactant (b) anionic surfactant (c) alkyl ether carboxylic acid or carboxylate salt thereof and (d) a polyglucosamine or a copolymer of glucosamine and N acetylglucosamine; and to its use to soften fabrics.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.933/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A CONDUCTIVE INTERCONNECT INCLUDING AN INORGANIC COLLAR

(51) International classification :H01L23/485,H01L21/60
(31) Priority Document No :61/721889
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067568
Filing Date :30/10/2013
(87) International Publication No :WO 2014/070926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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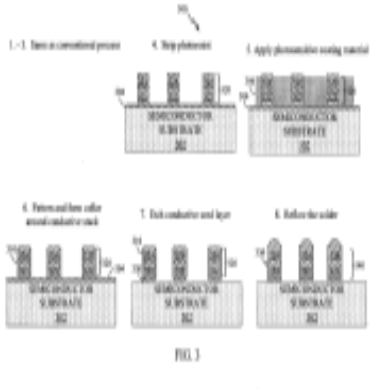
(72)**Name of Inventor :**
1)SUN Yangyang
2)ZHAO Lily
3)HAN Michael

(57) Abstract :
A conductive interconnect (340 440 540 640) includes a conductive support layer (330 430 530 630) a conductive material (320 520 620) on the conductive support layer (330 430 530 630) and an inorganic collar (350 450 550 650) partially surrounding the conductive material (320 520 620). The inorganic collar (350 450 550 650) is also disposed on sidewalls of the conductive support layer (330 430 530 630). A method of fabricating the conductive interconnect (340 440 540 640) comprises fabricating a conductive material (320 520 620) on a seed layer (304 504) forming an organic collar (310 510) to partially surround the conductive material (320 520 620) etching the conductive seed layer (304 504) to form the conductive support layer (330 430 530 630) and heating to transition the organic collar (310 510) into the inorganic collar (350 450 550 650) that partially surrounds the conductive material (320 520 620) and is disposed on sidewalls of the conductive support layer (330 430 530 630). The organic collar (310 510) may be formed by depositing a photosensitive spin on dielectric material on the conductive material (320 520 620) and patterning the photosensitive spin on dielectric material. The conductive material (620) may be a single conductive material (320) or may comprise a stack of a first conductive layer (322) and a second conductive layer (324) separated by a barrier layer in which case the heating step also causes a reflow of the second conductive layer (324) of the conductive material stack.



No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.934/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : REFERENCE COORDINATE SYSTEM DETERMINATION

(51) International classification :G06T7/00,G06T19/00
(31) Priority Document No :61/722023
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059148
Filing Date :11/09/2013
(87) International Publication No :WO 2014/070312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GUPTA Prince
2)WAGNER Daniel
3)REITMAYR Gerhard
4)MULLONI Alessandro

(57) Abstract :
A method of determining a reference coordinate system includes: obtaining information indicative of a direction of gravity relative to a device; and converting an orientation of a device coordinate system using the direction of gravity relative to the device to produce the reference coordinate system. The method may also include setting an origin of the reference coordinate system and/or determining a scale value of the reference coordinate system. The method may also include refining the reference coordinate system.

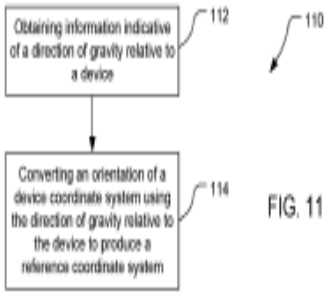


FIG. 11

No. of Pages : 45 No. of Claims : 35

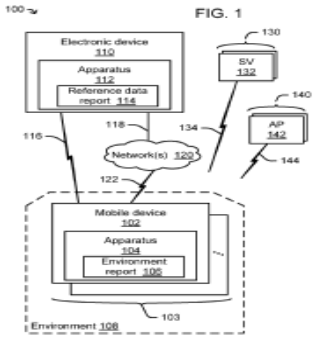
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.939/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TECHNIQUES FOR GENERATING ENVIRONMENT AND REFERENCE DATA REPORTS FOR PARTICULAR ENVIRONMENTS ON BEHALF OF MOBILE DEVICES

(51) International classification :G01C5/06
(31) Priority Document No :61/725423
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065263
Filing Date :16/10/2013
(87) International Publication No :WO 2014/074275
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)EDGE Stephen William
2)WACHTER Andreas Klaus
3)GARIN Lionel Jaque
4)MARSHALL Grant Alexander

(57) Abstract :
Various methods apparatuses and/or articles of manufacture are provided which may be implemented using one or more fixed electronic devices to generate a reference data report corresponding to a particular environment. Various methods apparatuses and/or articles of manufacture are provided which may be implemented using one or more mobile electronic devices to generate an environment report corresponding to a particular environment.



No. of Pages : 72 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.940/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HIGH VOLTAGE DEDICATED CHARGING PORT

(51) International classification :H02J7/00,G06F1/26
(31) Priority Document No :61/719822
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066847
Filing Date :25/10/2013
(87) International Publication No :WO 2014/070610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)HAWAWINI Shadi
2)PAPARRIZOS Georgios K.

(57) Abstract :
Circuitry in a portable device may be attached to external device such as a power supply to receive a voltage at a desired voltage level from the external device. The circuitry may assert one of several electrical configurations on the cabling that electrically connects the portable device to the external device to indicate to the external device a desired voltage level.

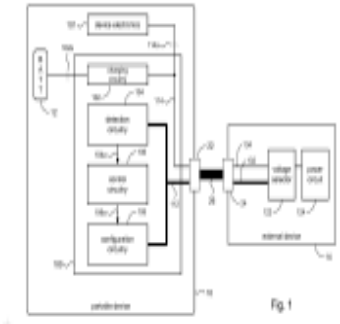

Fig. 1

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015

(21) Application No.936/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BUCKET AND ITS USE

(51) International classification :B07B1/28,E02F3/40,E02F7/06
(31) Priority Document No :20126017
(32) Priority Date :01/10/2012
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2013/050942
Filing Date :27/09/2013
(87) International Publication No :WO 2014/053698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)POHMAKO KY
Address of Applicant :Viitalantie 80 FI 60640 Isokoski Finland
(72)**Name of Inventor :**
1)PASKI Eero

(57) Abstract :
The invention relates to a bucket and its use. The bucket (3) comprises a bottom (10) side plates (11) a back plate (12) and attachment means (9) wherewith it is connectable to a work machine (1). The bucket also comprises at least one screen part (6) having a plurality of adjacent bars (7) to form a screen. At least one bar included in the screen part is vibrated by means of a vibrator unit (16) so that the vibrated bar moves in relation to the bucket.

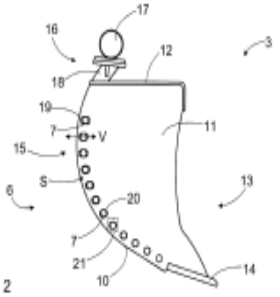

FIG. 2

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2015
(21) Application No.938/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND KITS FOR PREDICTING PROGNOSIS OF CANCER USING SOLUBLE MORTALIN IN BLOOD

(51) International classification :G01N33/574
(31) Priority Document No :61/711327
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050817
Filing Date :09/10/2013
(87) International Publication No :WO 2014/057490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SEMMELWEIS UNIVERSITY
(72)**Name of Inventor :**
1)FISHELSON, Zvi
2)PROHASZKA, Zoltan

(57) Abstract :
Provided are methods of determining a presence or level of soluble mortalin in a body fluid of a subject and predicting prognosis of a subject diagnosed with cancer (e.g. solid tumor) by determining the presence or level of soluble mortalin in a body fluid of the subject. Also provided are kits for determining presence and/or level of soluble mortalin in a body fluid of the subject and/or predicting prognosis of a subject diagnosed with cancer comprising at least two distinct antibodies to mortalin directed against different epitopes of said mortalin.

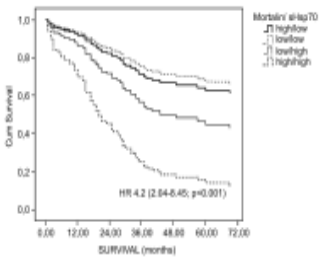

Figure 4

No. of Pages : 78 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.947/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO FOR RANDOM ACCESS

(51) International classification :H04N19/00,H04N19/50
(31) Priority Document No :61/706955
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008760
Filing Date :30/09/2013
(87) International Publication No :WO 2014/051410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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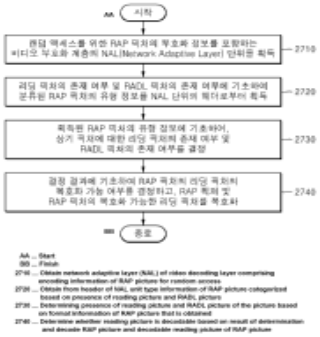
(72)**Name of Inventor :**
1)CHOI Byeong-doo
2)PARK Jeong-hoon
3)LEE Tammy

(57) Abstract :
Disclosed is a high level syntax of pictures for random access. A method for decoding a video comprises obtaining format information of an RAP picture from an NAL unit. The format information of the RAP picture can be categorized based on the presence of a reading picture and the presence of an RADL picture. Based on the format information of the RAP picture whether the reading picture can be decoded is determined and then the RAP picture and the decodable reading picture are decoded.



No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.884/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHEMICAL ENGINES AND METHODS FOR THEIR USE ESPECIALLY IN THE INJECTION OF HIGHLY VISCOUS FLUIDS

(51) International classification :A61M5/20,A61M5/19
(31) Priority Document No :61/713236
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065136
Filing Date :15/10/2013
(87) International Publication No :WO 2014/059444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BENNISON,Corrie
3)MUENZER,Christopher H.
4)BLUM,Timothy M.
5)MCKENZIE Christopher,P
6)MADLAND Steven M
7)ELLIS Jeffrey L
8)Kaseman Brian
9)SHQUAU Krenar

(57) Abstract :
Chemical engines and processes for their use and construction are described. The chemical engines can provide powerful and compact devices especially autoinjectors for the rapid powered injection of viscous medicines. Novel formulations and designs of chemical engines and delivery technologies employing the chemical engines are described.

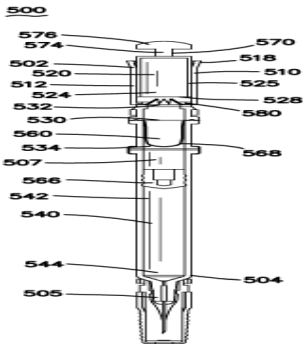

FIG. 9

No. of Pages : 111 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.948/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HOMOPIPERONY LAMINE COMPOUND AND USE THEREOF

(51) International classification :C07D405/12,C07D417/14,C07D409/14
(31) Priority Document No :201210414006.4
(32) Priority Date :25/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/085853
Filing Date :24/10/2013
(87) International Publication No :WO 2014/063638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SINOCHEM CORPORATION
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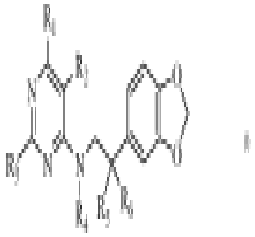
2)GUAN, Aiying
3)LAN, Jie
4)WANG, Lizeng
5)WANG, Bin
6)ZHU, Minna
7)SUN, Qin
8)REN, Weijing
9)FENG, Cong
10)REN, Lanhui
11)CHAI, Baoshan
12)LI, Zhinian

(57) Abstract :
Disclosed is a homopiperony lamine compound having a structure as represented by formula I wherein the substituents in the formula are as defined in the specification.



No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.949/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTITUTED PYRIMIDINE COMPOUND AND USES THEREOF

(51) International classification :C07D239/28,C07D253/07,C07D401/12
(31) Priority Document No :201210412091.0
(32) Priority Date :25/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/085879
Filing Date :24/10/2013
(87) International Publication No :WO 2014/063642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WANG, Lizeng
3)SONG, Yuquan
4)SUN, Xufeng
5)LAN, Jie
6)GUAN, Aiying
7)WANG, Junfeng
8)ZHANG, Jinbo
9)FENG, Cong
10)ZHU, Minna
11)LI, Zhinian
12)REN, Lanhui
13)CHANG, Xiuhui
14)YANG, Fan
15)SUN, Qin
16)CHEN, Wei
17)LIU, Shaowu
18)ZHOU, Yinping
19)SHAN, Zhonggang
20)CHAI, Baoshan
21)WANG, Bin
22)ZHOU, Jizhong

(57) Abstract :
Disclosed is a substituted pyrimidine compound having a structure as represented by formula PY. See the description for the definition of each substituent in the formula. The compound of the present invention provides broad spectrum bactericidal pesticidal and acaricidal activities provides great control effects against plant diseases such as cucumber downy mildew corn rust wheat powdery mildew rice blast and cucumber gray mold specifically provides improved control effects against cucumber downy mildew corn rust wheat powdery mildew and rice blast provides great control effects against aphid carmine spider mite diamondback moth and armyworm and acquires great effects at a minimal dosage. The compound of the present invention also provides characteristics such as a simplified preparation method.

No. of Pages : 186 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2015

(21) Application No.2362/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR VENTING A FUEL SUPPLY LINE AND INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M55/02,F02D41/06,F02D41/38
(31) Priority Document No	:10 2013 204 093.8
(32) Priority Date	:11/03/2013
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2014/000556 :05/03/2014
(87) International Publication No	:WO 2014/139643
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RADL Marc
2)REISCHMANN Klaus
3)WILLMANN Michael

(57) Abstract :
The invention relates to a method for venting a fuel supply line (11) of a direct injection internal combustion engine wherein the fuel supply line (11) has an injector (3) a high pressure storage means (15) upstream of the injector (3) a quantity limiting valve (17) between the high pressure storage means (15) and the injector (3) for limiting a quantity of fuel flowing from the high pressure storage means (15) to the injector (3) and a high pressure pump (19) upstream of the high pressure storage means (15) for delivering fuel to the high pressure storage means (15) wherein a pressure in the high pressure storage means (15) is regulated by means of an intake throttle (21) which is arranged upstream of the high pressure pump (19). In this case provision is made for the fuel supply line (11) to be vented downstream of the high pressure pump (19) wherein a passage cross section which is smaller than or equal to a predetermined limit passage cross section for the fuel is set in the intake throttle (21) during a venting operation.

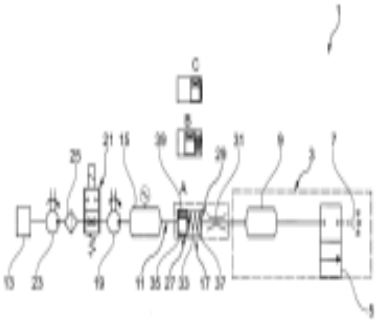

Fig.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.950/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIDEO ENCODING METHOD AND APPARATUS FOR PARALLEL PROCESSING USING REFERENCE PICTURE INFORMATION AND VIDEO DECODING METHOD AND APPARATUS FOR PARALLEL PROCESSING USING REFERENCE PICTURE INFORMATION

(51) International classification :H04N19/00,H04N19/50
(31) Priority Document No :61/706953
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008754
Filing Date :30/09/2013
(87) International Publication No :WO 2014/051409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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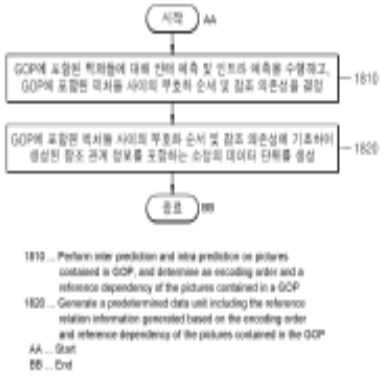
2)CHOI KWANG PYO
3)KIM CHAN YUL
4)CHOI BYEONG DOO
5)RO WON WOO
6)KIM KYUNGAH
7)KIM DEOKHO
8)KIM MINWOO

(57) Abstract :
Disclosed are a video encoding method and a video decoding method for parallel processing. The video encoding method for parallel processing determines an encoding order and a reference dependency of the pictures contained in a GOP and generates a predetermined data unit including the reference relation information generated based on the encoding order and reference dependency of the pictures contained in the GOP and outputs the predetermined data unit.



No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.952/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR DEVICE TRIGGER/SMALL DATA EXCHANGE/COLLECTION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W28/02
(31) Priority Document No :61/708594
(32) Priority Date :01/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008779
Filing Date :01/10/2013
(87) International Publication No :WO 2014/054876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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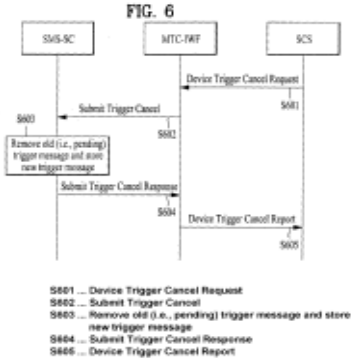
(72)**Name of Inventor :**
1)KIM Laeyoung
2)KIM Jaehyun
3)KIM Taehyeon
4)KIM Hyunsook

(57) Abstract :
According to one embodiment of the present invention a method for exchanging/collecting a device trigger by a short message service service center (SMS SC) in a wireless communication system comprises the steps of: receiving a first message including an old trigger reference number from a machine type communications interworking function (MTC IWF); and deleting a trigger message corresponding to the old trigger reference number wherein when the first message further includes a new trigger reference number the SMS SC deletes the trigger message and stores a new trigger message corresponding to the new trigger reference number.

FIG. 6



No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015

(21) Application No.953/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLID DOSAGE FORM

(51) International classification :A61K9/26,A61K9/20
(31) Priority Document No :2012238330
(32) Priority Date :11/10/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/IB2013/002594
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057351
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIM, Chin Beng Stephen
2)SUNDERLAND, Vivian Bruce
3)LEE, Yip Hang Eddy

(57) Abstract :
There is provided a solid dosage form adapted for the release of a biologically active material in the oral cavity wherein the dosage form comprises at least one biologically active material and at least one matrix forming agent wherein the dosage form substantially dissolves in the oral cavity. A method of producing the same and a kit comprising the same are also provided.

No. of Pages : 180 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.958/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SHEET SORTING DEVICE AND SHEET MANAGEMENT SYSTEM

(51) International classification :G07D9/00,G07D7/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/077388
Filing Date :24/10/2012
(87) International Publication No :WO 2014/064776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI OMRON TERMINAL SOLUTIONSCORPORATION
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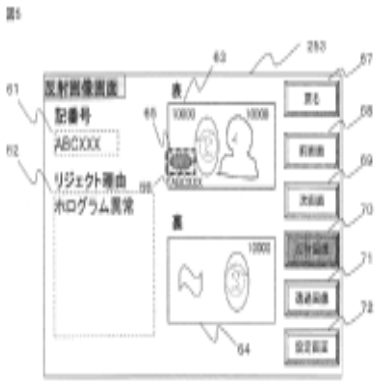
(72)**Name of Inventor :**
1)FUJISAWA Toshio
2)FUNAI Katsuyoshi
3)HAMASAKI Toshiya

(57) Abstract :
The purpose of the present invention is to provide a device which when many sheets are rejected can clarify the detailed cause of rejection for each sheet. This sheet sorting device is characterized by being provided with a sheet identification information acquiring means for acquiring sheet identification information for identification processing of the sheets an identifying means for identifying whether or not a sheet is normal depending on the sheet identification information a sheet image information acquiring means for collecting image information of the sheets a characteristic feature value recognizing means for recognizing characteristic feature value information of the sheet and a display means for displaying the identification result from the identifying means wherein for sheets determined to be anomalous in the identifying means anomaly location specifying information for specifying the location of the anomaly on the sheet is superimposed on the image information associated with the characteristic feature value information and displayed by the display means.



No. of Pages : 58 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2015
(21) Application No.955/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ULTRAVIOLET LIGHT EMITTING MODULE AND ULTRAVIOLET LIGHT IRRADIATION DEVICE

(51) International classification :F21S2/00,F21V7/08,F21V14/00
(31) Priority Document No :2012239519
(32) Priority Date :30/10/2012
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2013/006283
Filing Date :24/10/2013
(87) International Publication No :WO 2014/068912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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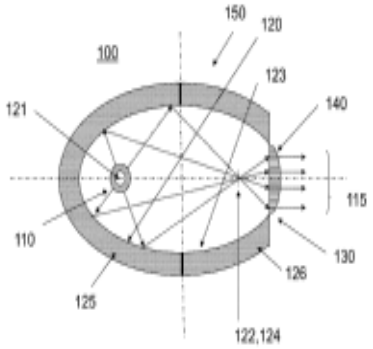
(72)**Name of Inventor :**
1)MATSUI Shingo

(57) Abstract :
To provide a compact ultraviolet irradiation apparatus using ultraviolet light-emitting devices such as ultraviolet LEDs that can irradiate high intensity ultraviolet rays. [MEANS FOR SOLVING] In a ultraviolet irradiation apparatus including a light source for emitting ultraviolet rays; and a light condenser for condensing the ultraviolet rays emitted from the light source, the light source is a modularized rod-like light source (110) where a plurality of ultraviolet light-emitting devices is disposed on a side surface of a cylindrical or polygonal columnar base such that a light axis of each ultraviolet light-emitting device passes through a center axis of the cylindrical or polygonal columnar base to emit the ultraviolet rays radially to the center axis, the rod-like light source is disposed on a focal axis (121) of a long elliptical reflective mirror (120) to condense ultraviolet rays radially emitted from the rod-like light source, and the condensed ultraviolet rays are irradiated.



No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.956/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEAL STRUCTURE FOR VAPOR TURBINE

(51) International classification :F01D11/00,F01D25/00,F01D25/24
(31) Priority Document No :2012244685
(32) Priority Date :06/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061831
Filing Date :23/04/2013
(87) International Publication No :WO 2014/073227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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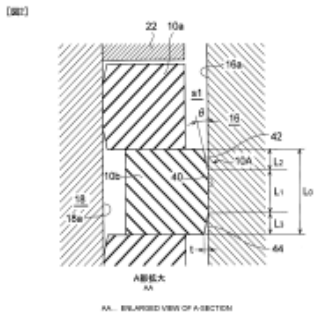
(72)**Name of Inventor :**
1)NAKAZAWA TAMIAKI
2)NISHIKATSU MASARU

(57) Abstract :
To improve sealability between a steam pipe and a casing of a steam turbine by increasing a contact pressure of a sealing surface of a stack ring without cost increase . [PROBLEM TO BE SOLVED] A stack ring 10A is formed by an outer ring 10a and an inner ring 10b and is inserted in an annular gap si formed between an inlet sleeve 16 and the inner casing 18. The outer periphery of the outer ring 10a and the inner periphery of the inner ring 10b each have a land part 40 having a flat face and taper faces 42, 44 formed on upper and lower sides of the land part 40. A ratio of LI to L0 is 0.3 to 0.7 where LI is a length of the land part 40 and L0 is a total length in the up-down direction. A ratio of S to SO is not less than 0.95 where S is an area of the cross sectional shape of the outer ring 10a or the inner ring 10b and SO is an area of a virtual rectangle BCDE and the taper faces 42, 44 have an inclined angle of 1° to 10° with respect to the one edge.



No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2015

(21) Application No.2440/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOSENSOR

(51) International classification	:G01N27/26,G01N33/487,C12Q1/00
(31) Priority Document No	:201310106521.0
(32) Priority Date	:28/03/2013
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/087660 :22/11/2013
(87) International Publication No	:WO 2014/153969
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LEADWAY (HK) LIMITED
Address of Applicant :The Center No.99 Queens Road Central HongKong Hong Kong China
(72)**Name of Inventor :**
1)ZHANG Ziyi
2)GE Huanxi

(57) Abstract :
A biosensor comprising an insulative base board (1) and an electrode system arranged on the insulative base board (1). The electrode system comprises thereon a reagent capable of reacting with a test sample. The electrode system comprises functional electrodes (2 3 and 4) used for testing and auxiliary diffusion electrodes (12) used for controlling the diffusion of the reagent. The functional electrodes (2 3 and 4) are arranged between the auxiliary diffusion electrodes (12). Because the auxiliary diffusion electrodes (12) are capable of overcoming the effect of surface tension of the insulative base board the reagent is allowed to diffuse smoothly and uniformly on the electrode system and to arrive at a predetermined position.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/04/2015

(21) Application No.829/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GASKET IN PARTICULAR FOR A PRESSURISED LIQUID

(51) International classification	:F16J15/32, F16L 23/00
(31) Priority Document No	:1258667
(32) Priority Date	:14/09/2012
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/IB2013/002014 :16/09/2013
(87) International Publication No	:WO 2014/041420
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIRARDOT Thierry
2)LUTAUD Dominique
3)SOUDET Arnaud

(57) Abstract :
The invention relates to a gasket, in particular for a pressurised liquid, comprising: a support ring (2) having an axial flange (3) and a radial flange (4); and a PTFE washer (5) arranged on the ring, said washer at least partially covering the outer face (3) of the axial flange (3) and forming a flexible inner sealing lip (6) intended to be applied against an element to be sealed, such as a shaft. The sealing lip comprises an annular portion bearing mostly on the element to be sealed and a curved annular connecting portion. The seal (1) is characterised in that the sealing lip (6) has a small thickness (EL), typically less than 0.8mm, and, in the absence of stress, substantially forms a frustoconical ring or sleeve having a vertex angle of 90° - a, a being between 10° and 50o.

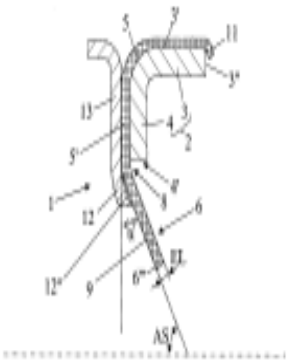

Fig. 1

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015

(21) Application No.893/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMPOSITIONS FOR THE TREATMENT OF ROSACEA

(51) International classification :A61K9/10,A61K9/50,A61K31/327
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IL2012/050479
Filing Date :27/11/2012
(87) International Publication No :WO 2014/083557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SERTCHOOK Hanan
2)TOLEDANO Ofer
3)BAR-SIMANTOV Haim

(57) Abstract :
The present invention relates to pharmaceutical compositions for topical use (including also dermatological compositions) for treating skin conditions and afflictions such as rosacea and symptoms and conditions associated there from.

No. of Pages : 41 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2015
(21) Application No.894/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRIVELINE MODELLER

(51) International classification :G06F17/50,G06Q10/04
(31) Priority Document No :12186876.4
(32) Priority Date :01/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2013/052544
Filing Date :30/09/2013
(87) International Publication No :WO 2014/053817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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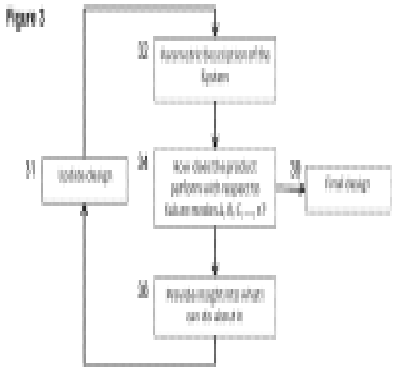
(72)**Name of Inventor :**
1)JAMES Barry

(57) Abstract :
A method of computer aided engineering for designing a driveline comprises the steps of: creating a single parametric description of the driveline; analysing the parametric description for performance using one or more failure modes; and optimising performance by amending the parametric description and repeating the analysing step.



No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015
(21) Application No.962/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : OPTICAL SUBSTRATE SEMICONDUCTOR LIGHT EMITTING ELEMENT AND MANUFACTURING METHOD FOR SAME

(51) International classification :H01L33/22
(31) Priority Document No :2012227299
(32) Priority Date :12/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/075943
Filing Date :25/09/2013
(87) International Publication No :WO 2014/057808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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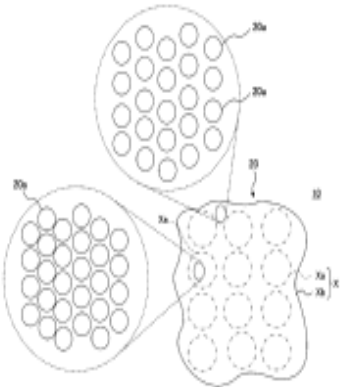
(72)**Name of Inventor :**
1)KOIKE Jun
2)YAMAGUCHI Fujito
3)INOUE Naoki
4)MUROO Hiroyuki

(57) Abstract :
An optical substrate PP (10) includes a substrate body and a recess/bump structure (20) formed of a plurality of bumps (20a) provided on the main surface of the substrate body. Markings (X) that can be observed with an optical microscope are formed on the main surface. The interval between the markings is larger than the pitch of the recess/bump structure (20). The markings (X) can be recognized as first areas (Xa) and a second area (Xb) by a difference in brightness in an optical microscopic image of the markings (X). A plurality of first areas (Xa) are arranged at intervals and the second area (Xb) exists among the first areas (Xa). According to the present invention the improvement of the internal quantum efficiency (IQE) and the improvement of the light extraction efficiency (LEE) of semiconductor light emitting elements which have been said to be a trade off are achieved at the same time.



No. of Pages : 366 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.964/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS, SYSTEMS, AND APPARATUS FOR CONTENT LICENSING

(51) International classification :G06F 21/00
(31) Priority Document No :60/945,095
(32) Priority Date :19/06/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/067561
Filing Date :19/06/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :91/MUMNP/2010
Filed on :15/01/2010

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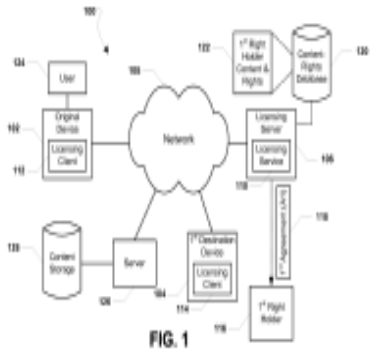
(72)**Name of Inventor :**
1)BRIGGS, Robert D.
2)MINEAR, Brian

(57) Abstract :
A method of obtaining one or more licenses to use content is provided. The method may include scanning an original device to locate digital content residing thereon and requesting a license to use the digital content on the original device, a destination device, or a combination thereof from a licensing server. Systems and apparatus for obtaining one or more licenses to use content are further provided.



No. of Pages : 51 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.967/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HYBRID FIBER CORD AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :D02G3/48,D02G3/40,D02G3/28
(31) Priority Document No :1020120154933
(32) Priority Date :27/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012013
Filing Date :23/12/2013
(87) International Publication No:WO 2014/104680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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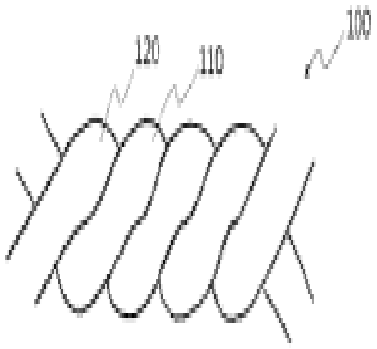
(72)**Name of Inventor :**
1)LEE Min Ho
2)JEON Ok Wha
3)CHUNG ll

(57) Abstract :
Disclosed are a hybrid fiber cord comprising a nylon filament and an aramid filament the cord having more uniform physical properties and better strength and fatigue properties and being able to be made more easily than the conventional hybrid fiber cords such that it can be used to make an ultra high performance tire and a method for manufacturing the same. The hybrid fiber cord comprises a nylon primarily twisted yarn having a first twist number and an aramid primarily twisted yarn having a second twist number. The first twist number is identical with the second twist number. The nylon and aramid primarily twisted yarns are secondarily twisted together to have identical structures with each other.



No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2015

(21) Application No.968/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USER TERMINAL APPARATUS AND UI PROVIDING METHOD THEREOF AND SERVER AND CONTROL METHOD THEREOF

(51) International classification	:H04B1/40,G06K17/00,G06F3/14
(31) Priority Document No	:1020120110335
(32) Priority Date	:04/10/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/008917 :04/10/2013
(87) International Publication No	:WO 2014/054926
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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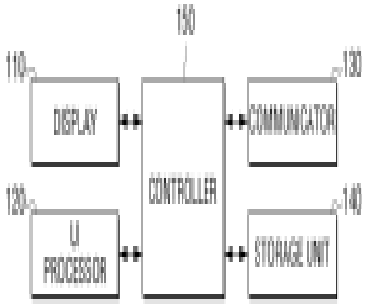
(72)**Name of Inventor :**
1)MOON Bo-Seok
2)JUNG Hee-won

(57) Abstract :
A method for providing a User Interface (UI) of a user terminal apparatus is provided. The method includes when the user terminal apparatus is tagged with an external object including a short range wireless communication tag receiving object information stored in the short range wireless communication tag determining a category that the external object belongs to based on the received object information generating a UI based on the external object using a UI element related to the determined category and displaying the generated UI.



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2015
(21) Application No.969/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLOTATION OF SILICATES FROM ORES

(51) International classification :B03D1/01
(31) Priority Document No :61/731622
(32) Priority Date :30/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/075196
Filing Date :02/12/2013
(87) International Publication No :WO 2014/083197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ALBINO Kelly Ivone Pina

(57) Abstract :
n2n2The present invention relates to a method for the flotation of silicates from ores in the presence of a collecting agent and an effective amount of a froth modifier/collecting booster comprising at least one of the compounds of general formula (I) or mixtures thereof: wherein X is C1 C3 alkyl; R is straight or branched hydrocarbyl group containing 8 to 22 carbon atoms; n is integer from 2 4; m can vary from 0 to 2 and R is X or (CH2) N(X) with the proviso that when R is (CH2) N(X) then m is 1.

(I)

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015

(21) Application No.905/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR THE PRODUCTION OF THIN SHEET GLASS

(51) International classification :C03B19/00,B32B17/02,C03C25/10
(31) Priority Document No :1260293
(32) Priority Date :29/10/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052576
Filing Date :28/10/2013
(87) International Publication No :WO 2014/068237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAINT GOBAIN GLASS FRANCE
Address of Applicant :18 avenue dAlsace F 92400 Courbevoie France
(72)**Name of Inventor :**
1)GY Rene
2)JOANICOT Mathieu
3)CHOLET,Anne

(57) Abstract :
The invention relates to a method for the production of flat glass comprising successively: (a) immersion of a glass textile in a molten glass bath such as to obtain a glass textile impregnated with molten glass the glass forming the fibres of the glass textile having a softening temperature above that of the molten glass bath; (b) removal of the impregnated textile from the molten glass bath; and (c) cooling of the impregnated glass textile removed from the molten glass bath such as to obtain a glass sheet. The invention also relates to a glass sheet produced using such a method.

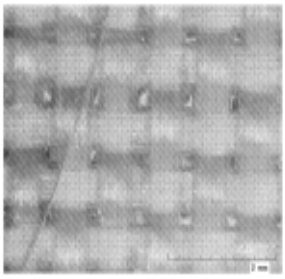


Figure 2

No. of Pages : 10 No. of Claims : 14

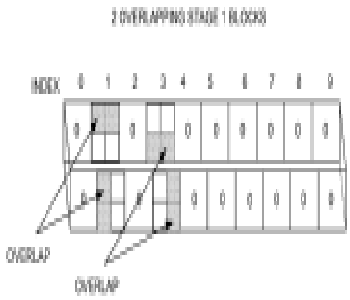
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2015
(21) Application No.971/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RANDOMIZATION PROCEDURE FOR ASSIGNING INTERFERENCE MEASUREMENT RESOURCES IN WIRELESS COMMUNICATION

(51) International classification :H04W24/10,H04W72/12
(31) Priority Document No :61/707855
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061498
Filing Date :24/09/2013
(87) International Publication No :WO 2014/052341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GEIRHOFER Stefan
2)GAAL Peter
3)WEI Yongbin

(57) Abstract :
Methods and apparatus are provided for assigning interference measurement resources. A method includes receiving at least one identifier which determines at least in part at least one interference measurement resource that partially overlaps with another at least one interference measurement resource. The at least one interference measurement resource comprises a number of resource elements out of a set of resource elements. The method also includes measuring interference based at least in part on the at least one interference measurement resource.



No. of Pages : 47 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015

(21) Application No.901/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTIPLE INPUT SINGLE OUTPUT HYBRID POWER SYSTEM

(51) International classification :H02J4/00
(31) Priority Document No :61/712463
(32) Priority Date :11/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064477
Filing Date :11/10/2013
(87) International Publication No :WO 2014/059236
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WINDSTRIP LLC
Address of Applicant :350 St. Peter Street Suite 270 St. Paul MN 55102 U.S.A.
(72)**Name of Inventor :**
1)MANIACI,Joe
2)BUCCHOLZ Jeffrey

(57) Abstract :
A multiple input single output (MISO) hybrid power system (10) includes an electronics system (11) that maximizes output from multiple input sources (12) of different types. In certain embodiments the electronics system takes in variable power from a plurality of the input sources and outputs a precisely controlled voltage that may simultaneously power a load and charge batteries. The electronics system includes an intelligent controller (16) that monitors input from the power sources and desired output of the system substantially constantly to control maximum power output from each power source. The controller runs through a decision making algorithm to obtain maximum power from the power sources and output a single constant load (15).

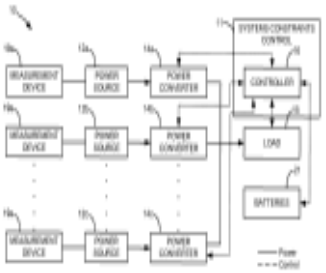


FIG. 1

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015

(21) Application No.902/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DISPOSAL OF MUNITIONS

(51) International classification :F42B33/06
(31) Priority Document No :1217580.8
(32) Priority Date :02/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/059071
Filing Date :02/10/2013
(87) International Publication No :WO 2014/054008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DISARMCO HOLDINGS LIMITED
Address of Applicant :8 Palmeira Mansions Palmeira Avenue Wesctliff on Sea Essex SS0 7RW U.K.
(72)**Name of Inventor :**
1)REID John Nicholas

(57) Abstract :
A method is described for safely opening the shell of a munition (10) having an inner chamber containing an explosive material. The method comprises the steps of machining a groove (20) into the shell along a parting line that encircles the outer surface of the munition and divides the shell into two parts. The groove (20) is of sufficient depth to weaken the shell but not to penetrate into the inner chamber of the munition. After machining the groove (20) the shell is cracked open by prising the two parts of the shell apart by inserting a suitable implement into the groove.

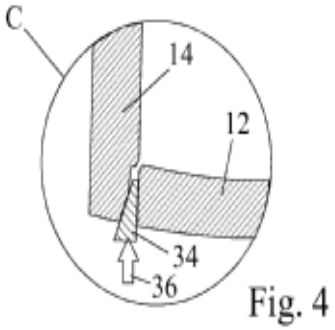


Fig. 4

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2015
(21) Application No.970/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A CAP WITH TOY DEVICE

(51) International classification :B65D41/34,B65D51/28
(31) Priority Document No :BS2012A000167
(32) Priority Date :29/11/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/060220
Filing Date :18/11/2013
(87) International Publication No :WO 2014/083478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GUALA PACK S.P.A.
Address of Applicant :Via Carlo Mussa 266 I 15073 Castellazzo Bormida Alessandria Italy
(72)**Name of Inventor :**
1)TAMARINDO Stefano

(57) Abstract :
A cap (1) with guarantee seal (14) for flexible packages (100) has a toy compartment (22 44) and a ball (42) free to move by agitation of the cap in the toy compartment (22 44).

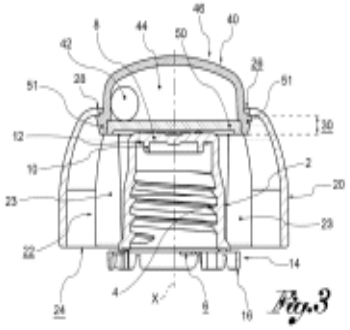


Fig.3

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015
(21) Application No.907/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD BASE STATION AND ACCESS POINT FOR CONFIGURING CHANNEL STATE INFORMATION REFERENCE SIGNAL

(51) International classification :H04W24/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/082973
Filing Date :15/10/2012
(87) International Publication No :WO 2014/059581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)XIA Liang
2)REN Xiaotao
3)SUN Jingyuan

(57) Abstract :
The embodiments of the invention provide a method base station and access point for configuring channel state information reference signal. In the method the access points are divided into the first access point set and the second access point set. The first CSI RS pilot pattern is configured for the user equipment and assigned to the first access point set. The second CSI RS pilot pattern is configured and assigned to the second access point set. The third CSI RS pilot pattern is configured and assigned to the antenna set composed of the first antenna of the first access point of the first access point set and the first antenna of the first access point of the second access point set. Each access point sends non zero power on its own pilot pattern. Non zero power CSI RS configuration information is sent to the user equipment so that the user equipment measures and reports the first downlink channel state information the second downlink channel state information and the third downlink channel state information of the antenna set. The base station gets the combined downlink channel state information according to those downlink channel state information.

No. of Pages : 61 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2015

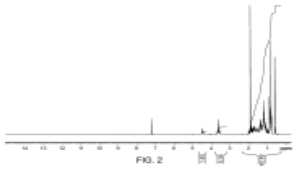
(21) Application No.973/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING BILE ACID DERIVATIVES

(51) International classification :C07C305/12,C07B45/00
(31) Priority Document No :61/718966
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066917
Filing Date :25/10/2013
(87) International Publication No :WO 2014/066819
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTERCEPT PHARMACEUTICALS INC.
Address of Applicant :18 Desbrosses Street New York NY 10013 U.S.A.
(72)**Name of Inventor :**
1)PELLICCIARI, Roberto
2)GIOIELLO, Antimo

(57) Abstract :
The present invention relates to processes for preparing compounds of formula I: or a pharmaceutically acceptable salt or solvate thereof.



No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2015

(21) Application No.974/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GROUP AREA MANAGEMENT METHOD DEVICE AND SYSTEM

(51) International classification :H04W84/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/083041
Filing Date :16/10/2012
(87) International Publication No :WO 2014/059607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO.LTD.
Address of Applicant :Huawei Administration BuildingBantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)GU Rongting
2)WEN Hua
3)ZHU Qian

(57) Abstract :
Disclosed are a group area management method device and system the method comprising the following steps: receiving a multicast address generated by a multimedia broadcast multicast service gateway; encapsulating the multicast address and an area list into a multimedia broadcast multicast service session initiation request message; transmitting the multimedia broadcast multicast service session initiation request message to an MCE such that the MCE can locate a corresponding base station according to the area list and transmit the multicast address to the corresponding base station so that the base station is able to be added to the multicast address thus realizing group area management.

No. of Pages : 55 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.976/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HUMANIZED ANTI HUMAN EPIDEMIC GROWTH FACTOR RECEPTOR ANTIBODY AND ENCODING GENE AND APPLICATION THEREOF

(51) International classification	:C07K16/28,C07K19/00,C12N15/13
(31) Priority Document No	:201210465918.4
(32) Priority Date	:16/11/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/086661 :07/11/2013
(87) International Publication No	:WO 2014/075576
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SHANGHAI SERUM BIOTECHNOLOGY CO.LTD.
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(72)**Name of Inventor :**
1)SUN, Zhiwei
2)WANG,SHUANG
3)SUN, Jiuru

(57) Abstract :
Provided are a humanized anti-human epidemic growth factor receptor (EGFR) antibody and an encoding gene and an application thereof. According to the present invention, a single-chain antibody resisting the human EGFR is screened from a complete synthesis type single-chain human antibody library, and based on an obtained variable region gene sequence of the antibody, complete human monoclonal antibodies are constructed. The affinity of the antibody for the human EGFT is not less than InM, and the affinity of the mutant of the antibody for the human EGFR is not less than 10 nM. The antibody has good biological activity for inhibiting the tumor growth of the EGFR high-expressing cell A431 tumor-bearing model mouse.

No. of Pages : 57 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015
(21) Application No.977/MUMNP/2015 A
(43) Publication Date : 27/05/2016

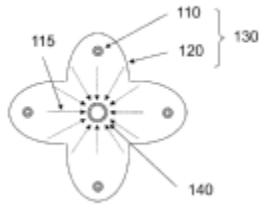
(54) Title of the invention : ULTRAVIOLET STERILIZER AND STERILIZATION METHOD

(51) International classification :A61L2/10,C02F1/32
(31) Priority Document No :2012240250
(32) Priority Date :31/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/006284
Filing Date :24/10/2013
(87) International Publication No :WO 2014/068913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOKUYAMA CORPORATION
Address of Applicant :1 1 Mikage cho Shunan shi Yamaguchi 7458648 Japan
(72)**Name of Inventor :**
1)MATSUI Shingo

(57) Abstract :
Provided is an ultraviolet sterilizer which uses as a light source a deep ultraviolet light emitting diode which has low power consumption and long life compared to mercury lamps wherein this compact and easily maintainable sterilizer is capable of irradiating a body to be sterilized with high intensity deep ultraviolet light for efficient sterilization. This ultraviolet sterilizer sterilizes by irradiating deep ultraviolet light onto the body to be sterilized which flows through a flow path (140) having the periphery composed of a UV transparent material wherein units (130) are formed and arranged on the periphery of the light path said units comprising a light source which comprises multiple ultraviolet light emitting elements arranged and formed into a module (110) and a condenser (120) which condenses deep ultraviolet light emitted from the ultraviolet light emitting elements in the module and the body to be sterilized is irradiated with deep ultraviolet light condensed by the condensers.

[図4]



No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.985/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING AND CONTROLLING SELF SERVICE TERMINAL CASH DISPENSING QUALITY

(51) International classification :G07D13/00
(31) Priority Document No :201310024038.8
(32) Priority Date :22/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/079058
Filing Date :09/07/2013
(87) International Publication No :WO 2014/114061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LUO Panfeng
2)XIAO Dahai
3)XIE Weiping
4)DONG Xuewen
5)WANG Qinghua
6)ZHANG Hongshuai

(57) Abstract :
A method for detecting and controlling self-service terminal cash dispensing quality, comprising: step S1, detecting an empty box in a self-service terminal, setting the cash dispensing qualification rate of the empty box as 0, and permanently shielding the same; step S2, detecting a cash-jamming cash-box in the self-service terminal, setting the cash dispensing qualification rate of the cash-jamming cash-box as 0, and permanently shielding the same; step S3, detecting the cash dispensing qualification rates of all non-empty and non-cash-jamming cash-boxes, classifying all the non-empty and non-cash-jamming cash-boxes according to denomination, and sequencing the cash-boxes of each denomination in descending order according to the cash dispensing qualification rates; and step S4, maintaining the first M-th number of cash-boxes of each denomination in an open state, and maintaining the other cash-boxes in a temporarily shielded state. The method and device for detecting and controlling self-service terminal cash dispensing quality firstly feeds out cash from a cash-box having a higher cash dispensing qualification rate, and will re-sequence the cash dispensing qualification rates after each cash dispensing operation, thus not only ensuring the same amount of service and minimizing the cash in a recycling box, but also optimizing idle cash resources, and improving the activation rate of a self-service device.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.986/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SINGLE PHASE ELECTRIC FURNACE TRANSFORMER

(51) International classification :H01F29/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/082419
Filing Date :29/09/2012
(87) International Publication No :WO 2014/047917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LIMITED
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
2)SEC ALSTOM (SHANGHAI BAOSHAN) TRANSFORMERS CO. LTD.
(72)**Name of Inventor :**
1)GUAN, Junjun
2)TIRILLY, Serge

(57) Abstract :
A single phase electric furnace transformer is provided according to the basic principle of the invention comprising: a single magnetic core said magnetic core comprising two side columns and at least one main column; a main transformer comprising a first primary side winding and a first secondary side winding which are disposed on said at least one main column wherein said first primary side winding consists of a first winding and a second winding which are connected in series with each other; and a voltage regulating autotransformer which is disposed on one of two side columns of said magnetic core and which comprises a second primary side winding and a second secondary side winding wherein said second secondary side winding is an adjustable winding having on load tap switch and said adjustable winding is connected in series between the first winding and the second winding of said main transformer. The direct effect on the regulating winding and the regulating switch by the over voltage of the grid can be avoided in the single phase electric furnace transformer of the invention and the voltage between two terminals of the primary winding of the main transformer can be reduced. Furthermore the winding of the voltage regulating transformer is disposed on the side column of the main transformer in the invention so that the material and the transformer loss can be reduced and the installation space of the transformer can be decreased.

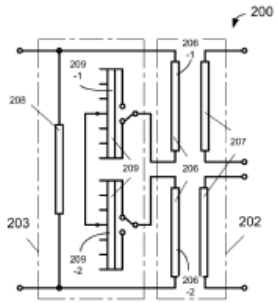

图 2a / Fig. 2 a

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.978/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR CORROBORATION AND TRANSFERRING TRUST BETWEEN NETWORK DATABASES FOR ENHANCED POSITIONING ACCURACY

(51) International classification :H04W64/00,G01S5/02
(31) Priority Document No :61/727243
(32) Priority Date :16/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069226
Filing Date :08/11/2013
(87) International Publication No :WO 2014/078199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAO Weihua
2)WERNER,Benjamin A.
3)RIBA Moi
4)WILSON,Bruce E.

(57) Abstract :
Techniques for transferring trust between networks are described herein. An example of a method of using a mobile device to transfer trust between networks described herein includes receiving WAN base station information including a WAN base station trustworthiness value determining a WAN position estimate for the mobile device based on the WAN base station information receiving access point information including an access point trustworthiness value determining an access point position estimate for the mobile device based on the access point information determining if the WAN position estimate and the access point position estimate are corroborated and increasing the access point trustworthiness value if the WAN position estimate and the access point position estimate are corroborated and the WAN base station trustworthiness value is higher than the access point trustworthiness value.

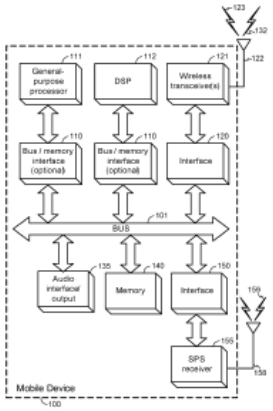

FIG. 1

No. of Pages : 56 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2015

(21) Application No.979/MUMNP/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PUCCH RESOURCE DETERMINATION FOR EPDCCH

(51) International classification :H04W72/04
(31) Priority Document No :61/726571
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065027
Filing Date :15/10/2013
(87) International Publication No :WO 2014/077996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Wanshi
2)XU Hao
3)GAAL Peter

(57) Abstract :
Methods systems and devices are described for indexing control channel elements to determine uplink channel resources. Downlink control messages may be monitored in a set of downlink subframes. The monitoring may include monitoring physical downlink control channel (PDCCH) messages in at least one of the subframes and monitoring enhanced physical downlink control channel (EPDCCH) messages in at least one of the subframes. A downlink control message may be received in at least one subframe. The downlink control message may include an EPDCCH message. An index for enhanced control channel elements (ECCEs) may be determined based at least in part on the set of downlink subframes. The determined index of the ECCEs may be used to identify uplink control channel resources. The ECCEs may be indexed in a manner that is specific to a cell in a wireless communication system or which is configured for a particular mobile device.

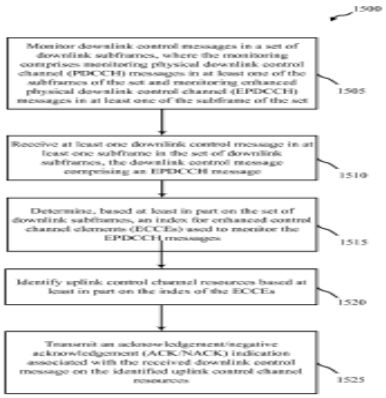

FIG. 15

No. of Pages : 60 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1024/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TENSIONING UNIT FOR A SUPPORTING BAND OF A PROTECTIVE HELMET IN PARTICULAR FOR FORESTRY WORKERS

(51) International classification :A42B3/08,A42B3/14
(31) Priority Document No :10 2010 026 998.0
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061881
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PFANNER Anton
2)GREBER Martin

(57) Abstract :
A tensioning unit (48) is described for a supporting band (47) which is attached to the lower edge of an interior fitting (40) of a protective helmet (30) for fastening the helmet (30) on a user s head. The supporting band (47) comprises a head band (44) which continues in a neck band (46) which has two free ends connected to each other by a basic body (50) of the tensioning unit (48). The tensioning unit (48) has a neck shell (70) and a basic body (50) which are connected in an articulated manner to each other by a transmission lever (80). The basic body (50) can be pivoted relative to the neck shell (70) by a tensioning lever (51) which is coupled to said basic body and is supported on the transmission lever (80) by a cam (52).

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1025/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLENOID VALVE

(51) International classification :F16K31/06,F16K1/32
(31) Priority Document No :2010159000
(32) Priority Date :13/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060246
Filing Date :27/04/2011
(87) International Publication No :WO 2012/008202
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)NAKADAIRA Akira

(57) Abstract :
A first small diameter shaft section (21a) is interconnected with the end of a plunger (21) which is located on the valve seat (10) side with a first annular stepped section (21a) therebetween and a second small diameter shaft section (21b) is interconnected with an end of the first small diameter shaft section (21a) with a second annular stepped section (21b) therebetween. A valve element (24) is configured from: a boss section (24a) fitted over and secured in an airtight manner to the second small diameter shaft section (21b); a seating section (24c) surrounding the boss section (24a) and seated on the valve seat (10); and a flexible section (24b) for connecting the boss section (24a) and the seating section (24c) in such a manner that the boss section (24a) and the seating section (24c) can tilt relative to each other. A spring seat plate (23) is loosely fitted in a tiltable manner on the first small diameter shaft section (21a) and the spring seat plate (23) is in contact with the boss section (24a) and the seating section (24c) to support the movable end of a coiled spring (28). The solenoid valve has the simple configuration and can achieve a satisfactory fully closed state without being affected by relative tilt between the valve seat and the valve element caused by manufacturing errors.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1072/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL APPARATUS AND CONTROL METHOD FOR AN AC ROTARY MACHINE

(51) International classification :H02P1/24
(31) Priority Document No :.
(32) Priority Date :08/02/2013
(33) Name of priority country :
(86) International Application No :PCT/JP2010/004726
Filing Date :23/07/2010
(87) International Publication No :WO 2012/011155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMASAKI Hisanori
3)KONO Masaki
4)HATANAKA Keita

(57) Abstract :
The disclosed control apparatus (1) for an AC rotary machine includes a control circuit (2), a power converter (3), a current detector (5), and a voltage detector (7). The control circuit (2) is provided with: a start-up current command device(18) that generates a start-up current command; and a start phase setting device (20) that sets an initial rotational phase, which is used in a start-up control process, on the basis of the direction the AC rotary machine (4) is rotating immediately after start-up and the polarity of a current detected by the current detector (5). This configuration reduces the current amplitude and torque shock immediately after starting the start-up control process, allowing the AC rotary machine to be reliably and stably restarted without the use of protective operation.

No. of Pages : 56 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1131/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACCESS CONTROL FAILURE HANDLING FOR HENB INBOUND MOBILITY

(51) International classification :H04W48/02
(31) Priority Document No :2010182383
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063748
Filing Date :08/06/2011
(87) International Publication No :WO 2012/023336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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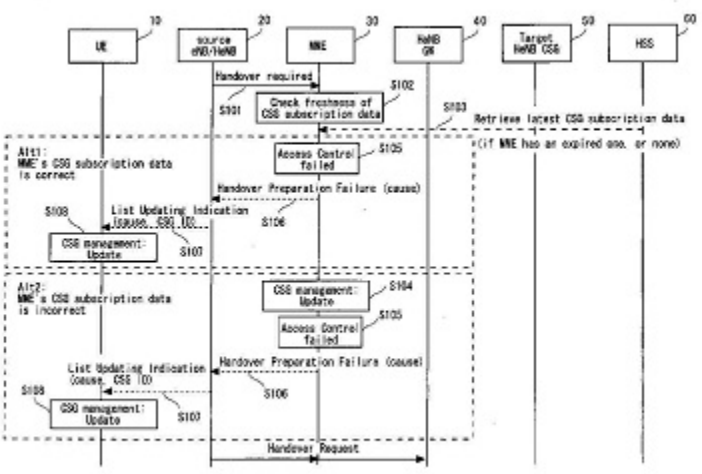
(72)**Name of Inventor :**
1)ZHANG Xiaowei
2)PRASAD Anand Raghawa

(57) Abstract :
When MME receives Handover required from source eNB/HeNB which contains CSG ID it verifies whether the CSG subscription data it stores is fresh or expired. If it is expired or if MME does not have any association data for UE MME retrieves the latest CSG subscription data from HSS. MME rewrites its stored CSG subscription data with the one retrieved from HSS if they are different. MME performs access control for the UE according to the CSG ID received from Handover required message and its CSG subscription data. When the access control is failed a new message List Update Indication is proposed to be sent from source eNB/HeNB to UE. In order to indicate what caused the failure an appropriate cause in the message is proposed. Upon receiving the message UE updates its stored CSG whitelist such that the CSG subscription data in UE and MME are synchronized.

Fig. 1



No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1027/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EAR DEFENDERS FOR FASTENING TO A PROTECTIVE HELMET IN PARTICULAR FOR FORESTRY WORKERS

(51) International classification :A42B3/14,A42B3/16
(31) Priority Document No :10 2010 026 997.2
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061882
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PFANNER Anton
2)GREBER Martin

(57) Abstract :
Ear defenders (33) for fastening to a protective helmet (30) in particular for forestry workers are described. The ear defenders (33) have two ear protection devices (34a 34b) each of which has a supporting strap (37a 37b) which is designed in the manner of a fork and has an ear protection capsule (35a 35b) mounted pivotably thereon and a rotary plate which is connected to the supporting strap (37a 37b) by a tilting joint and in relation to which the supporting strap (37a 37b) can be bistably tilted into a swung out and a swung in position. The rotary plate is mounted rotatably in a receiving part (80a 80b) attached to the helmet (30). A strap spring arranged between the rotary plate and the supporting strap (37a 37b) prestresses the supporting strap (37a 37b) to bear against stops which fix the swung out and the swung in position of the supporting strap. The receiving part (80a 80b) is attached on the inside to the helmet (30). The ear protection devices (34a 34b) can therefore be rotated into a parking position within the helmet.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1078/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTIBODIES TO IL 1BETA AND IL 18 FOR TREATMENT OF DISEASE

(51) International classification :C07K16/24,A61K39/00
(31) Priority Document No :61/373760
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047532
Filing Date :12/08/2011
(87) International Publication No :WO 2012/021773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to compositions and methods for treatment of disease. More particularly the present invention relates to anti IL 1 and anti IL 18 antibodies including anti IL 1 and anti IL 18 bispecific antibodies and methods of treating disease using such antibodies.

No. of Pages : 109 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1133/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METALLIC PALLET WITH FRAME AND PANEL SUPPORT SURFACE

(51) International classification :B65D19/28,B65D19/38,B65D25/20
(31) Priority Document No :61/365410
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044438
Filing Date :19/07/2011
(87) International Publication No :WO 2012/012367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MANI Ayyakannu

(57) Abstract :
A metallic pallet (20) having generally planar top (22) and bottom (40) sides. Corner pieces (56) join the top (22) and bottom (40) sides and provide controlled deformation in the event of corner impacts. Spacer block (78 80) function as risers to establish a space between top (22) and bottom (40) sides for receiving forklift tines (24). The top side (22) is formed in a rectangular formation with long (28) and short (30) rails establishing a perimeter and a cruciform inner frame members (32 34). The rails (28 30) and inner frame members (32 34) establish four bounded interior fields (38) which are filled with die cast aluminum quarter panels (84) the quarter panels (84) are stitch welded about their periphery to the inner edges of the rails (28 30) and inner frame members (32 34) to create an integral rigid top side (22) which is easy to fabricate and exceptionally strong. An RFID tag (58) may be located in a hollow corner piece (56) for tracking purposes.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1134/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARTICLES AND DEVICES FOR THERMAL ENERGY STORAGE AND METHODS THEREOF

(51) International classification :F24H7/00,B65B31/02,B65B1/04
(31) Priority Document No :61/373008
(32) Priority Date :12/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047355
Filing Date :11/08/2011
(87) International Publication No :WO 2012/021673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SOUKHOJAK Andrey N.
3)BANK David H.
4)SEHANOBISH Kalyan
5)WALIA Parvinder

(57) Abstract :
cbcbThe present invention relates to articles 2 and heat storage devices 80 for storage of thermal energy. The articles 2 include a metal base sheet 12 and a metal cover sheet 14 wherein the metal base sheet and the metal cover sheet are sealingly joined to form one or more sealed spaces 18 The articles 2 include a thermal energy storage material 16 that is contained within the sealed spaces 18. The sealed spaces preferably are substantially free of wafer or includes liquid water at a concentration of about 1 percent by volume or less at a temperature of about 25 °C based on the total volume of the sealed spaces 18. The articles include one or more of the following features: a) the pressure 36 in a sealed space is about 700 Torr or less when the temperature of the thermal energy storage material is about 25 °C; b) the metal cover sheet 14 includes one or more stiffening features 34 wherein the stiffening features Include indents into the sealed space protrusions out of the sealed space or both that are sufficient in size and number to reduce the maximum von Mises stress in the cover sheet during thermal cycling; c) the metal cover sheet 14 and/or the metal base sheet 12 includes one or more volume expansion features 62; or d) the metal cover sheet has a thickness t and the metal base sheet has a thickness t wherein t is greater than t; so that the article is durable. For example the article does not leak after thermal cycling between about 25 °C and about 240 °C for 1 000 cycles.

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1008/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FACE GUARD FOR FASTENING TO A PROTECTIVE HELMET IN PARTICULAR FOR FORESTRY WORKERS

(51) International classification :A42B3/22
(31) Priority Document No :10 2010 027 015.6
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061883
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PFANNER Anton
2)GREBER Martin

(57) Abstract :
A face guard (33) for fastening to a protective helmet (30) in particular for forestry workers is described. A visor (132) has two retaining arms (32) and two bearing devices (50) which can be fastened on the inside to a helmet shell (36) for the retaining arms (32) for pivoting the visor (132) between an operating position in which the visor (132) is swung downwards and protects the face and a parking position in which the visor (132) is swung upwards. Each retaining arm (32) extends towards the free end thereof which can be connected to the bearing device (50) from the visor (132) substantially parallel to and at such a distance from the visor (132) that a slot (37) is formed between the retaining arm (32) and visor (132) through which slot the helmet shell (36) extends in the parking position and that in the parking position the visor (132) is arranged so as to fit snugly on the outer surface of the helmet shell (36).

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1163/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL APPARATUS FOR AC ROTATING MACHINE

(51) International classification :H02P6/18,H02P21/00,H02P27/04
(31) Priority Document No :2010168202
(32) Priority Date :27/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004194
Filing Date :26/07/2011
(87) International Publication No :WO 2012/014443
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)YAMASHITA Yoshinori

(57) Abstract :
In order to attain a control apparatus for an AC rotating machine wherein a start up of an AC rotating machine especially a synchronous motor using permanent magnets using a position sensor less vector control can be executed with reliability and stability the control apparatus for an AC rotating machine comprises: a steady speed calculator (16) that calculates the rotation angle frequency of an AC rotating machine (3) to be used while executing steady state control of the AC rotating machine (3) on the basis of the AC current and a voltage command; and an start up speed calculator (17) that calculates the rotation angle frequency of the AC rotating machine (3) to be used while executing start up control during a prescribed period after a start up of the AC rotating machine (3) on the basis of the AC current and the voltage command. While executing the start up control a current command is corrected so that the amplitude of the AC voltage of the voltage command will be a constant value not more than the maximum output voltage of a power converter (2).

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1164/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATION ANTI CANCER THERAPY

(51) International classification :A61K31/00,A61K31/437,A61K31/4745
(31) Priority Document No :61/374296
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/064050
Filing Date :16/08/2011
(87) International Publication No :WO 2012/022724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)LEE Richard J.
5)LESTINI Brian
6)PACKMAN Kathryn E.
7)SU Fei

(57) Abstract :
The present invention relates to a combination therapy of propane 1 sulfonic acid {3 [5 (4 chloro phenyl) 1H pyrrolo [2 3 b] pyridine 3 carbonyl] 2 4 difluoro phenyl} amide or a pharmaceutically acceptable salt thereof and an EGFR inhibitor for treating a patient suffering from a proliferative disorder in particular a solid tumor for example colorectal cancer melanoma and thyroid cancer.

No. of Pages : 56 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1229/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING A GROUND FAULT

(51) International classification :G01R27/16,G01R27/18,G01R31/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/060412
Filing Date :19/07/2010
(87) International Publication No :WO 2012/010193
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GAJIC Zoran

(57) Abstract :
The present invention relates to an arrangement to detect a ground fault in an AC electric circuit (1) comprising an electric machine (10) having a neutral point (14) connecting to a neutral point and a terminal side (13) and a unit transformer (16) connected to the terminal side of the machine wherein the arrangement comprises a signal injection unit (20) a voltage transformer (30) having a primary winding (31) connected to the terminal side (13) of the electric machine and a secondary winding (32) that is open delta connected an instrument transformer (40 45) having a primary winding (48) connected to the neutral point (14) of the electric machine and a secondary winding (49) and a ground fault detecting unit (50). The signal injection unit (29) is configured to inject a signal to the secondary winding (32) of the voltage transformer (30). The instrument transformer (40 45) is configured to measure the resultant injected signal at its secondary winding (49) and the ground fault detecting unit (50) is configured to detect a ground fault based on the measured signal.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1126/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE IMAGE DECODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(51) International classification :H04N7/26,H03M7/40
(31) Priority Document No :61/431912
(32) Priority Date :12/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/000148
Filing Date :12/01/2012
(87) International Publication No :WO 2012/096178
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NISHI Takahiro
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4)SUGIO Toshiyasu

(57) Abstract :
An image encoding method capable of improving encoding efficiency an image encoding device an image decoding method an image decoding device and an image encoding/decoding device are provided. The image encoding method includes: an encoding target signal acquisition step (S401) that obtains a target signal for encoding which is contained in an image data processing unit; a binarisation step (S402) that generates a binary signal by binarising the target signal; a context selection step (S403) that selects a context for the target signal from a plurality of contexts; an arithmetic encoding step (S404) that arithmetically encodes the binary signal using encoding probability information associated with the context selected in the context selection step; and an update step (S405) that updates the encoding probability information on the basis of the binary signal. The context selection step selects a common context for the target signal and a target signal with a different processing unit size.

No. of Pages : 119 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013
(21) Application No.1127/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING APPARATUS AND IMAGE DECODING APPARATUS

(51) International classification :H04N7/32
(31) Priority Document No :61/386161
(32) Priority Date :24/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/005323
Filing Date :21/09/2011
(87) International Publication No :WO 2012/039136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An image encoding method comprises: a first flag generating step in which a first flag which indicates whether to select a predicted motion vector from among one or more predicted motion vector candidates is generated; a second flag generating step in which if the first flag indicates to select a predicted motion vector a second flag which indicates whether to select a predicted motion vector from among one or more predicted motion vector candidates is generated when a block to be encoded is encoded in a predetermined encoding mode; and an encoded signal generating step in which if the first flag indicates to select the predicted motion vector an encoded signal which includes in header information the first and second flags is generated.

No. of Pages : 89 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1187/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEARCH SPACE DESIGN FOR RELAY PHYSICAL DOWNLINK CONTROL CHANNEL (R PDCCH)AND NOT DOWNLINK CONTROL CHANNEL(R-PDCCH),

(51) International classification :H04L5/00
(31) Priority Document No :61/374207
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047969
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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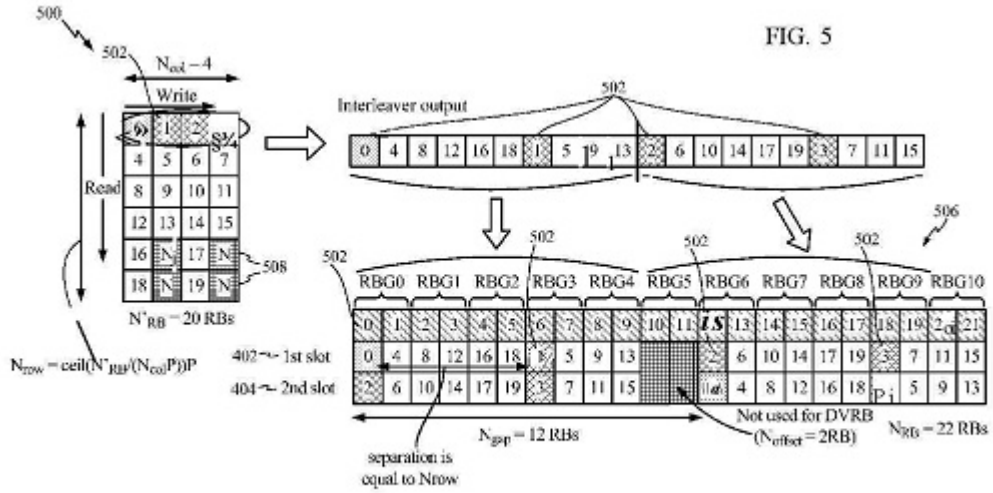
(72)**Name of Inventor :**
1)CHEN Wanshi
2)MONTOJO Juan

(57) Abstract :
Certain aspects of the present disclosure provide methods and apparatus for designing generating and monitoring the search space for control information for a node such as a relay node (RN). This control information may comprise a Relay Physical Downlink Control Channel (R PDCCH). The search space design may use contiguous but physically distributed transmission resource units (e.g. physical resource blocks (PRBs)) to increase frequency diversity or frequency selectivity. For certain aspects pairs of transmission resource units spanning two adjacent slots may have the same virtual resource block (VRB) index.

FIG. 5



No. of Pages : 41 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1249/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CRUDE GAS TORCH COMPRISING AN ADJUSTABLE OPENING CROSS SECTION FOR FLARING COMBUSTIBLE GASES AND METHOD FOR BURNING CRUDE GASES

(51) International classification :F23G7/08,F16K3/03
(31) Priority Document No :10 2010 035 153.9
(32) Priority Date :23/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004111
Filing Date :16/08/2011
(87) International Publication No :WO 2012/031666
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KREBBER Frank
2)FREIMUTH Bodo

(57) Abstract :
The invention relates to a device for flaring combustible gases comprising an adjustable opening cross section wherein said device comprises three tubes which are arranged about a common longitudinal axis and wherein the tubes are arranged at least in some sections in a common cross sectional plane and wherein the inner tube is designed as a gas introduction tube and comprises at the opening that ends at the top in the vertical direction a diaphragm that can be adjusted in the cross section and through which the gas stream can be closed or regulated and which is fitted with an automatable mechanism for adjusting the opening cross section. The device typically contains also at least one air guiding plate feed devices for an inert gas and an ignition mechanism thereby ensuring a high reliability for flaring the gas and a low emission of nitrogen oxides and soot. The invention further relates to a method for operating said device which is suitable for flaring crude gases which are to be combusted.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1065/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : RAIL CONVEYOR SYSTEM

(51) International classification :E01B25/10,B65G15/08,B65G53/00
(31) Priority Document No :2010903316
(32) Priority Date :23/07/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000930
Filing Date :25/07/2011
(87) International Publication No :WO 2012/009765
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEWCASTLE INNOVATION LIMITED
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(72)**Name of Inventor :**
1)WHEELER Craig Anthony

(57) Abstract :
A rail conveyor system combining the low friction attributes of railway transportation with the continuous bulk handling advantages of belt conveyors uses a multiplicity of spaced carriages (4) running on steel wheels (5) on rail tracks (2 3) to support a continuous carry belt (7). The system is driven by various means including a rope (9) extending between the carriages. Various other drive means including drive belt technology are also described along with loading and unloading stations and distributed drive stations.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013
(21) Application No.1122/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANNULAR AXIAL FLOW RIBBED HEAT EXCHANGER

(51) International classification :F28D7/10,F02G1/043,F28F1/00
(31) Priority Document No :12/836935
(32) Priority Date :15/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/CA2011/050435
Filing Date :14/07/2011
(87) International Publication No :WO 2012/006743
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARTIN Michael Andrew

(57) Abstract :
A cylindrical annular axial flow heat exchanger for use as a gas cooler in a thermal regenerative machine such as a Stirling engine is provided. The heat exchanger includes an outer shell of sufficient strength and thickness to withstand the pressure exerted by the working fluid and a tubular member positioned adjacent to and in contact with the outer shell the tubular member having spaced apart sidewalls defining a flow passage therebetween. At least one of the sidewalls of the tubular member is embossed with ribs the ribs being in contact with the inner surface of the outer shell thereby defining axially extending flow passages between the outer shell and tubular member (18) along the circumference thereof for the flow of a second gaseous fluid through the heat exchanger. Accordingly the first fluid flows circumferentially through tubular member while the second fluid flows axially between the outer shell and the tubular member.

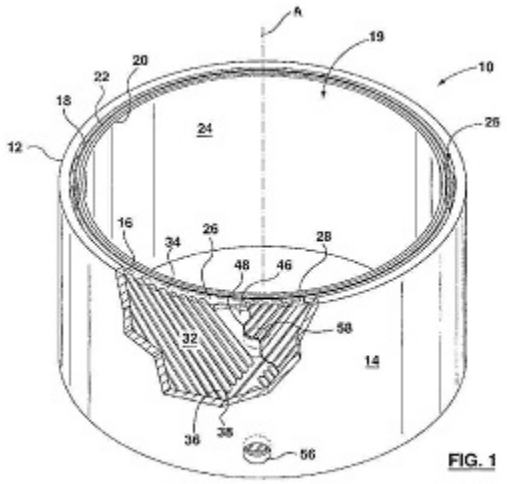

FIG. 1

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1123/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODIFIED SINGLE DOMAIN ANTIGEN BINDING MOLECULES AND USES THEREOF

(51) International classification :C07K16/24,A61K39/395
(31) Priority Document No :61/365307
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/053007
Filing Date :06/07/2011
(87) International Publication No :WO 2012/007880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Technologiepark 21 B 9052 Gent-zwijnaarde, Belgium
(72)**Name of Inventor :**
1)HEGEN Martin
2)OLLAND Stephane Hubert
3)VUGMEYSTER Yulia
4)XU Xin

(57) Abstract :
The invention relates to modified single domain antigen binding molecules e.g. SDAB molecules in particular TNFa binding SDAB molecules. Method of preparing and using the modified single domain antigen binding molecules described herein to treat e.g. TN Fa associated disorders are also disclosed.

No. of Pages : 122 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1255/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TOOTHBRUSH HAVING A BRISTLE AREA DESIGN

(51) International classification :A46B9/04,A46D3/04
(31) Priority Document No :10008600.8
(32) Priority Date :18/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003858
Filing Date :01/08/2011
(87) International Publication No :WO 2012/022431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HESS Walter
2)TREVISAN Oskar

(57) Abstract :
The invention relates to a method for producing toothbrushes the bristles of which are mounted without being anchored. In said method a tuft (22) of cylindrical bristles (39) and/or pointed bristles (40) is introduced into a receiving cavity (64) in a tool (60) of a bristle mounting machine and a profiled pin (66) guided within the receiving cavity (64) is used to act on that end of the bristles (39 40) of the tuft (22) which faces the pin (66) in order to orient the bristles the bristles (39 40) of the tuft (22) being oriented using a face (101) of the profiled pin (66) so as to provide the bristles with a topography that is complementary to the topography of the face (101) of the profiled pin (66). Said method is characterized in that the profiled pin (66) has a non constant surface (105) forming multiple planes (109) on the face (103) acting on the bristles (39 40). The obtained bristle area design thus has multiple useful surfaces (67). An accordingly produced toothbrush (8) is also described.

No. of Pages : 73 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1256/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALTITUDE ESTIMATION APPARATUS ALTITUDE ESTIMATION METHOD AND PROGRAM

(51) International classification	:G09B29/00,G01C21/26,G09B29/10
(31) Priority Document No	:2011140286
(32) Priority Date	:24/06/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/003588 :31/05/2012
(87) International Publication No	:WO 2012/176383
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)SUZUNO Satoshi

(57) Abstract :
An information processing apparatus that acquires estimated altitude data corresponding to a position based on detection information detected by a sensor at or near the position and corrects altitude data associated with the position based on the estimated altitude data.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1004/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF METABOTROPIC GLUTAMATE 5 RECEPTOR (MGLU5) ANTAGONISTS

(51) International classification :A61K9/16,A61K9/20,A61K9/50
(31) Priority Document No :61/372705
(32) Priority Date :11/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063604
Filing Date :08/08/2011
(87) International Publication No:WO 2012/019990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUANG Jingjun
3)KOENNINGS Stephanie
4)LINDENSTRUTH Kai
5)SANDHU Harpreet K.
6)SHAH Navnit Hargovindas

(57) Abstract :
Pharmaceutical compositions of metabotropic glutamate 5 receptor (mGlu5) antagonists or a pharmacologically acceptable salt thereof are disclosed. The compositions contain the therapeutic active compound with non ionic polymer and ionic polymer binder and fillers in either matrix pellet matrix tablet or coated pellets. The compositions provide a p H independent in vitro release profile with NMT 70 % in one hour NMT 85 % in 4 hour and NLT 80 % in 8 hours. The compositions are useful for the treatment of CNS disorders such as Treatment Resistant Depression (TRD) and Fragile X Syndrome.

No. of Pages : 53 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1089/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HETEROCYCLIC ANTIVIRAL COMPOUNDS

(51) International classification :C07D401/14,C07D403/14,A61K31/47
(31) Priority Document No :61/373434
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063733
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TALAMAS Francisco Xavier

(57) Abstract :
123Compounds having the formula (I) wherein R R R and X are as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1213/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHARGED MEMBER PROCESS CARTRIDGE AND ELECTRONIC PHOTOGRAPH DEVICE

(51) International classification :G03G15/02,F16C13/00
(31) Priority Document No :2010-162828
(32) Priority Date :20/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003925
Filing Date :08/07/2011
(87) International Publication No :WO 2012/011245 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KURODA Noriaki
2)SUZUMURA Noriko

(57) Abstract :
Disclosed is a charged member that can be stably charged by means of an electronic photography photoreceptor and that has excellent tracking qualities of the rotation of a photosensitive drum. Said charged member has a core shaft an elastic layer formed to the outer periphery of said core shaft and a surface layer formed to the outer periphery of said elastic layer. The aforementioned surface layer contains a binder as well as a fullerene hydroxide and/or a fullerene oxide.

No. of Pages : 59 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1214/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WATERPROOF PLUG

(51) International classification :H01R13/52,H01R13/56
(31) Priority Document No :2010183132
(32) Priority Date :18/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067790
Filing Date :03/08/2011
(87) International Publication No :WO 2012/023438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKAMOTO Kenichi

(57) Abstract :
Provided is a waterproof plug with which waterproofness can be improved. In the waterproof plug (1) a sealing section (3) is provided with an outer circumference section (30) that adheres closely to inner wall faces of cavities (41) existing within a connector housing (4) and an inner circumference section (33) through which a wire (5) to be pulled out from the cavity (41) is inserted and which adheres closely to an outer circumference face of the wire (5). The sealing section (3) is formed on the inner side and outer side of a cylindrical resin member (2). A contacting section (21a) of the resin member (2) is made to come in contact with an inner wall face of an edge section (41a) of the connector housing (4) from which the wire (5) is to be pulled out from the cavities (41). A plurality of protruded claw sections (211) protruding towards the inner circumference section (33) side are formed on the resin member (2) along the circumference direction thereof.

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013
(21) Application No.439/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FRICTION STIRRING AND JOINING APPARATUS, AND FRICTION STIRRING AND JOINING METHOD

(51) International classification :B23K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KATO, Yoshinori

(57) Abstract :
A friction stirring and joining apparatus includes a tool holder; and pressing means provided ahead in the direction of joining by a tool held by the tool holder for pressing a junction surface of a workpiece. The pressing means includes a load imparting section that imparts a load toward the workpiece; a first abutting portion that is provided between the load imparting section and the tool held by the tool holder and abuts on the junction surface in the workpiece; a second abutting portion that is provided opposite the first abutting portion with respect to the load imparting section and abuts on the surface of the workpiece; and a supporting portion that is attached to the load imparting section and supports the first abutting portion and the second abutting portion.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1124/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FAULT PARAMETER INDICATOR DEVICE AND RELATED METHODS

(51) International classification :H02H3/08,H02H3/38
(31) Priority Document No :10172782.4
(32) Priority Date :13/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063587
Filing Date :08/08/2011
(87) International Publication No :WO 2012/019985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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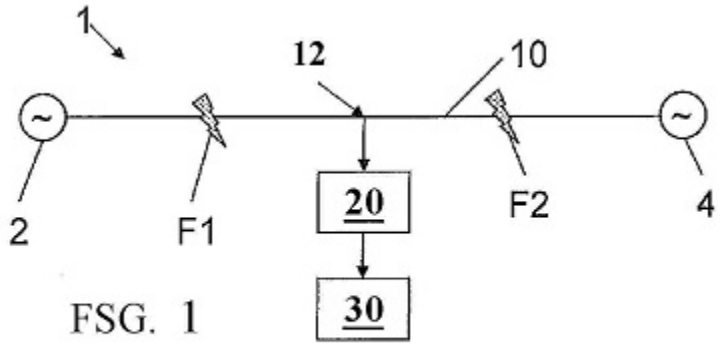
(72)**Name of Inventor :**
1)UKIL Abhisek
2)DECK Bernhard
3)SHAH Vishal H.

(57) Abstract :
A method of determining a fault parameter of a fault on an AC transmission line (10) of a power distribution system (1) relative to a measurement location (12) of the transmission line (10) comprising: measuring a time dependent current of the transmission line (10) at the measurement location (12); transmitting a current signal indicative of the measured current to a decision logic section (36) the current signal comprising a plurality of pre fault current values and a plurality of post fault current values; determining by the decision logic section (36) a plurality of phase difference values indicative of respective phase differences between respective pre fault current values and respective post fault current values; accumulating the plurality of phase difference values into an accumulated phase difference parameter; obtaining the fault parameter by comparing the accumulated phase difference parameter to a threshold value; and outputting the determined fault parameter.



FSG. 1

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013
(21) Application No.1125/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS PERTAINING TO MODULE BASED SCANNING OF RFID TAGS

(51) International classification :G06K17/00
(31) Priority Document No :61/365294
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044276
Filing Date :15/07/2011
(87) International Publication No :WO 2012/009694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VON BOSE Samuel J.
2)VALDEZ Wendell L.

(57) Abstract :
These teachings comprise accessing (Step 101) an identifier as corresponds to a given module (200) of RFID tagged items and then using (Step 103) that identifier to filter the RFID tag readings. By one approach one can obtain this identifier for the module by reading an optical code (202) as corresponds to the given module of items. By another approach one can obtain this identifier by reading an RFID tag (203) that specifically correlates to the given module of items. By yet another approach one can obtain this identifier by receiving the identifier as entered by an end user who is participating in the RFID tag reading process. If desired this identifier can serve to recall corresponding information that can serve directly or indirectly as filter criterion to use when processing the RFID tag responses.

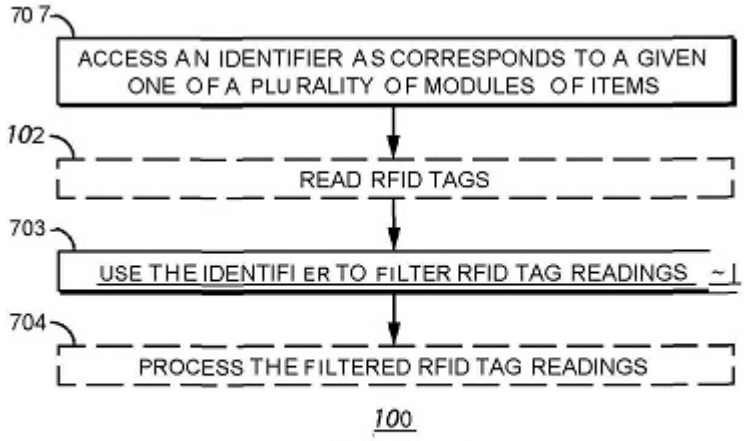

FIG. 1

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1253/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICES FOR HEATING UREA CONTAINING MATERIALS IN VEHICLE EMISSION CONTROL SYSTEM

(51) International classification :C01C1/08,F01N3/20,B01D53/94
(31) Priority Document No :61/375080
(32) Priority Date :19/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047731
Filing Date :15/08/2011
(87) International Publication No :WO 2012/024211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SOUKHOJAK Andrey Nestorovich
2)BANK David H.

(57) Abstract :
xThe invention relates to systems and methods for heating a solid or liquid reducing material (902) such as an urea containing material for NO selective catalytic reduction (SCR) using a heat stored in a thermal energy storage material (320) such as a phase change material. The stored heat may be heat from an exhaust waste such as from an exhaust gas (700) of an internal combustion engine. The reducing material may be a solid reducing material. Other reducing materials include aqueous solutions such as an aqueous solution containing consisting essentially of or consisting of urea and water. In one aspect the process may include a step of evaporating an aqueous solution of urea for immediate urea hydrolysis.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.440/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EMAIL MAILBOX MANAGEMENT

(51) International classification	:G06Q 10/00
(31) Priority Document No	:13/366,231
(32) Priority Date	:03/02/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SHTEREMBERG Daniel
4)GUZMAN Angela
5)LEMAY Stephen
6)TAO Phillip
7)LINDSAY Chris
8)CLARK Ashley

(57) Abstract :
Exemplary methods, apparatuses, and systems receive an instruction to establish a rule to take an action on each email message received from a first email address, determine that the first email address is associated with contact data, determine that the contact data is associated with a second email address, and apply the rule to take the action on each email message received from the second email address.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1009/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INTERIOR FITTING FOR A PROTECTIVE HELMET IN PARTICULAR FOR FORESTRY WORKERS

(51) International classification :A42B3/14
(31) Priority Document No :10 2010 027 014.8
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061880
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GREBER Martin

(57) Abstract :
An interior fitting subassembly (14) is described at least consisting of a supporting cage (42) a head band and a neck band (46) for a protective helmet. Three supporting arms (54 55 56) serve to fasten the subassembly (40) to a helmet shell (36) with a spacing. Although the supporting arms (54 55 56) conduct a force acting on the helmet (30) into the supporting cage (42) said supporting arms endeavour to deform the helmet shell (36). The helmet (30) therefore has improved shock absorption capability. In addition the supporting arms (54 55 56) create a clearance (60) between the interior fitting subassembly (40) and the helmet shell (36) for receiving ear protection capsules and supporting straps of ear defenders and of another helmet accessory.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1225/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONTROL APPARATUS OF AC ROTATING MACHINE

(51) International classification :H02P27/06,H02P6/08,H02P21/00
(31) Priority Document No :2010-168782
(32) Priority Date :28/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/057305
Filing Date :25/03/2011
(87) International Publication No :WO 2012/014526 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMASAKI Hisanori
3)HATANAKA Keita
4)KITANAKA Hidetoshi
5)YAMASHITA Yoshinori

(57) Abstract :
A control apparatus of AC rotating machine comprises: a current detection unit (4) that detects currents flowing from a power converter (2) to an AC motor (3); and a control unit (1) that generates from the currents detected by the current detection unit (4) and a torque command value three phase AC voltage commands for the power converter (2). The control unit (1) comprises: an observer (50) that calculates on the basis of the detected currents and the voltage commands an estimated magnetic flux value of the AC rotating machine (3); a current command calculator (10) that calculates on the basis of the torque command and the estimated magnetic flux value obtained by the observer (50) rotational two axis current command values; and a voltage command calculator (20) that calculates voltage commands on the basis of both the current command value obtained by the current command calculator (10) and the estimated magnetic flux value obtained by the observer (50).

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013
(21) Application No.1227/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : N PORT FEEDING SYSTEM HAVING DISTRIBUTION STRUCTURE AND FEEDING ELEMENT INCLUDED THEREIN

(51) International classification :H01Q1/46,H01Q21/00
(31) Priority Document No :1020100080487
(32) Priority Date :19/08/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/006100
Filing Date :18/08/2011
(87) International Publication No :WO 2012/023821 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KIM Ho Yong
4)PARK Chul Keun
5)KIM Jin Ho

(57) Abstract :
Disclosed is a feeding system for feeding power by using conductive patterns having a distribution structure for example U shaped patterns. Said feeding system comprises: a first substrate; first patterns which are arranged on said first substrate; second patterns which are arranged on said first substrate and are connected with said first patterns in parallel; a second substrate which is spaced from said first substrate; at least one third pattern which is arranged on said second substrate and is arranged to correspond to said first patterns; and at least one fourth pattern which is arranged on said second substrate and is arranged to correspond to said second patterns. Here said third pattern electrically connects the corresponding first patterns with each other and said fourth pattern electrically connects the corresponding second patterns.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.471/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING DOCUMENTS

(51) International classification	:H04N	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)XEROX CORPORATION**
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(33) Name of priority country	:NA	Norwalk, Connecticut 06856-4505 U.S.A.
(86) International Application No	:NA	(72)**Name of Inventor :**
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(87) International Publication No	: NA	**2)Rinku Gajera**
(61) Patent of Addition to Application Number	:NA	**3)Mark Pettit**
Filing Date	:NA	**4)Kovendhan Ponnavaikko**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present disclosure describes a method and system for processing forms filled by user. The system includes a scanner configured to scan a first form in a first language that includes one or more fillable fields filled with content; a content extractor configured to extract content from the scanned filled fields; a content processor configured to process the extracted content; and an embedding module configured to embed the processed content into a second form including one or more fields corresponding to the fillable fields of the first form.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1102/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PYRAZOLE COMPOUND

(51) International classification :C07D231/18,A61K31/415,A61K31/4155
(31) Priority Document No :2010160705
(32) Priority Date :15/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066091
Filing Date :14/07/2011
(87) International Publication No :WO 2012/008528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)TAKAHASHI Yoko

(57) Abstract :
2C2C12341 654 789r67891 66 103 86 1010101 6The present invention relates to a novel serotonin reuptake inhibitor having 5 HT antagonism particularly also having 5 HT inverse agonism which contains a compound represented by formula (1) or a pharmaceutically acceptable salt thereof and has antidepressive activity and anxiolytic activity. In formula (1) R R R and R each independently represent a hydrogen atom a C alkyl group or the like; R represents a C alkyl group or (CRR) E; R R R and R each independently represent a hydrogen atom a fluorine atom or a C alkyl group; A represents a C aryl group a heteroaryl group or the like; r represents 1 2 3 or 4; E represents a C cycloalkyl group a C aryl group or the like; L represents an oxygen atom a sulfur atom or NR ; n represents 1 2 or 3; R represents a hydrogen atom a C alkyl group or the like; and X represents a hydrogen atom a halogen atom or the like.

No. of Pages : 333 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1169/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI HUMAN IGG1 ANTIBODY

(51) International classification :C07K16/42,G01N33/68
(31) Priority Document No :10173090.1
(32) Priority Date :17/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063906
Filing Date :12/08/2011
(87) International Publication No :WO 2012/022682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Herein are reported a monoclonal antibody specifically binding to a human IgG1 antibody and not specifically binding to the immunoglobulin of an experimental animal and the use of the antibody in immunoassays.

No. of Pages : 45 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1231/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PORTABLE REFLECTOMETER AND METHOD FOR CHARACTERISING THE MIRRORS OF SOLAR THERMAL POWER PLANTS

(51) International classification :G01N21/55,G01N21/47
(31) Priority Document No :P201000942
(32) Priority Date :21/07/2010
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2011/000234
Filing Date :20/07/2011
(87) International Publication No :WO 2012/010724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)VILLUENDAS YUSTE Francisco
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(57) Abstract :
The invention relates to a portable reflectometer and to a method for characterising the collector mirrors used in solar power plants for the in field characterisation of reflection coefficients. The equipment includes all of the components required for this measurement such as a module to measure the reflection coefficient of the mirror an electronic data acquisition and processing system a system for processing data and controlling the equipment a system for storing the data of interest a user interface system and a system allowing communication between the aforementioned systems and an outer casing. The equipment can be used to characterise the specular reflection coefficient of flat or curved mirrors of different thicknesses without requiring adjustments to be made to the equipment minimising the influence of diffuse reflection on the measurement.

No. of Pages : 25 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.513/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZED CFD MESH GENERATION BASED ON AN ATTACHMENT LINE CRITERION

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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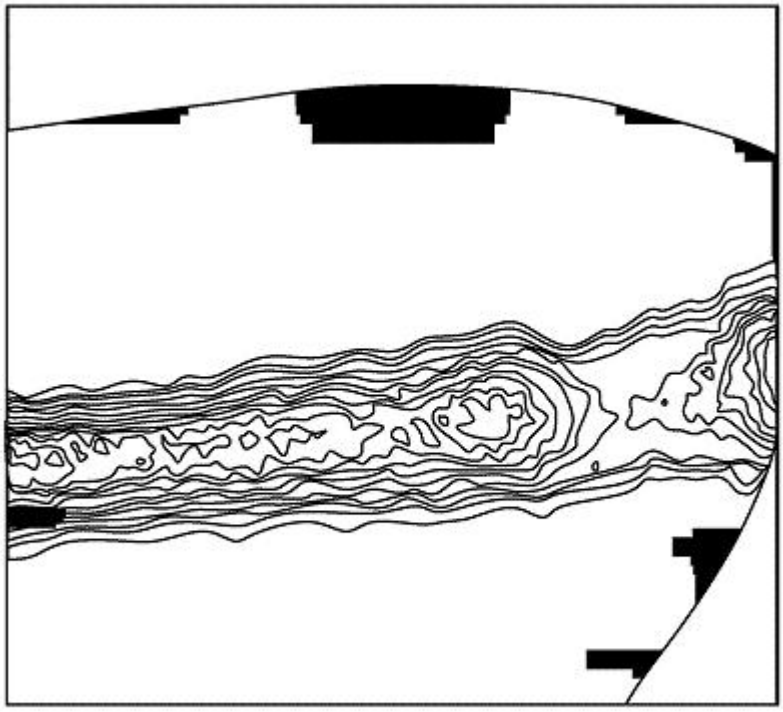
2)NAYAN DUBEY

(57) Abstract :
A system and method for optimized computation fluid dynamics (CFD) mesh generation are disclosed. In one embodiment, a CFD mesh for a vehicle is formed based on a first set of mesh generation parameters. Flow properties are then computed by performing a CFD simulation on the formed CFD mesh. An attachment line of a component of interest of the vehicle is then located. A span wise variation in flow properties substantially around a region of interest on the located attachment line is then determined. The span wise variation in the flow properties is then compared to a threshold variation value. The above steps are then repeated using a next set of mesh generation parameters to form an optimized CFD mesh based on the outcome of the comparison until the determined span wise variation is less than or equal to the threshold variation value. [FIG. 2]



No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1082/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING BIOMETRIC INFORMATION USING DISTRIBUTED COMPUTATION

(51) International classification	:H04L29/06,G06F21/00,G06F17/10
(31) Priority Document No	:61/365084
(32) Priority Date	:16/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/FI2011/050554 :13/06/2011
(87) International Publication No	:WO 2012/007637
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
An approach is provided for providing biometric information processing using distributed computation. A biometric information processing infrastructure determines to receive an input including at least in part biometric information. The biometric information processing infrastructure selects one or more analyses for processing the input. The biometric information processing infrastructure also determines one or more processes associated with the one or more analyses. The biometric information processing infrastructure further determines to derive one or more computation closures from the one or more processes. The biometric information processing infrastructure determines to decompose the one or more computation closures for distribution in one or more computation spaces.

No. of Pages : 58 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1083/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS AND APPARATUSES FOR GESTURE BASED USER INPUT DETECTION IN A MOBILE DEVICE

(51) International classification :G06F3/033,G06F1/16
(31) Priority Document No :61/379669
(32) Priority Date :02/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046835
Filing Date :05/08/2011
(87) International Publication No :WO 2012/030477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HARRAT Newfel
3)RING Peter

(57) Abstract :
Methods and apparatuses are provided that may be implemented in a mobile device to: determine whether the mobile device is in a gesture command input ready state based at least in part on a display portion of the mobile device remaining in a horizontal viewable position for a threshold period of time; with the mobile device in a gesture command input ready state determine whether a detected movement of the mobile device represents a gesture command input; and in response to the determined gesture command input affect a user perceivable output.

No. of Pages : 34 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.454/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AUTOMATIC DOSA MAKING MACHINE

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SABAT SUDEEP

(57) Abstract :
ABSTRACT An automatic self-cleaning table top device for making dosas, pancakes with oil and fillings/toppings using microcontrollers which enable pre-programming of the desired end product; comprising of an insulated removable batter tank coupled with a motor; an oil dispensing mechanism which dispenses the oil through a nozzle which opens into a small chamber above a solenoid valve which enable the oil to fall onto the distribution mechanism; a Teflon coated hot plate heated from both top and bottom; a single mechanism comprising of the spreader, C Shaped peeler and hot plate cleaner integrated into a single structure which moves on the surface of the hot plate by means of a V-groove belt arrangement; the said mechanism moving from position 2 to position 1 once the product is cooked; simultaneously peeling and delivering the cooked end product as well as cleaning the hotplate with moisture.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013
(21) Application No.475/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING LURASIDONE HYDROCHLORIDE

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to an improved process for preparation of substantially pure Lurasidone hydrochloride from Lurasidone free base.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.532/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENHANCED CELL CROWDING BASED BACTERIAL BIO-FERTILIZERS/BIO-INOCULANTS FOR AGRICULTURE

(51) International classification :C12N1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Enhanced cell crowding based bacterial bio-fertilizers / bio-inoculants for agriculture Abstract: Popular bacterial bio-inoculants known as bio-fertilizers were cultured separately in aerated fermenters using unconventional production media capable of supporting enhanced cell density culturing (ECDC). The biomass harvested, from such largely bioprocess/agro-process byproduct based complex media, through tubular continuous centrifugation was incorporated into polymeric multi matrices (PMM). These polymer based bio-inoculants exhibit stability, homogeneity and prolonged shelf life. As they are not possessing any specific chemical growth suppressants, the reactivation time required for the inoculants to be active is very less when applied to crops. Three major formulation types (Liquid base Bio-fertilizers (LBBF), Liquid base concentrate based Bio-fertilizes (LBCBF) and Gel based bio-inoculants (GBBI)) are being made to cater to the different requirements i.e. LBBF: the base product suitable for seed & soil treatments, liquid spray to crops, drip irrigation etc; LBCBF: the high cell density (HCD) version of the formulation suitable for horticulture and urban home based plant culturing requirements and GBBI: the gel variant having compatible cultured microbes which are crop specific and represented in desirable cell counts in the crop specific gels. The innovative bio-fertilizers made as effective crowded fluid mosaics in this process has the following key features (1) Made out of complex, innovative media recipes with very less /nil fine chemicals and hence reduction in production cost of the products (recipes were exclusively designed to support ECDC of bio-inoculants). (2) Made using pre-recognized quantum of elevated levels of viable cell mass obtained during tubular continuous centrifugation, incorporated effectively in to polymeric multi-matrices (PMM). (3) Product consistency, shelf stability etc are superior to carrier based (wettable powder) formulations and oil /water emulsion based liquid formulations of bio-fertilizers. The crowded mosaics created by the PMM support effectively the sustenance of cultured bio-inoculants during storage and during application and later in the field.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1091/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR DREDGING SOIL MATERIAL UNDER WATER

(51) International classification :B63B35/30,B63C11/42
(31) Priority Document No :2005095
(32) Priority Date :16/07/2010
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2011/050466
Filing Date :28/06/2011
(87) International Publication No :WO 2012/008829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)BROUNS Gert

(57) Abstract :
The invention relates to a device for dumping material onto an underwater bottom or installation such as a pipeline. The device comprises a vessel (1) provided with a fall pipe (7) through which the material is dumped on the underwater bottom; a steering device (5) adapted to control the motion of the fall pipe relative to the underwater bottom; first monitoring means (30) adapted to monitor the state of the underwater bottom; second monitoring means (32) adapted to monitor the position of the steering device relative to the bottom; and computing means adapted to compute on the basis of data obtained from the first and/or the second monitoring means control signals for moving the steering device. The invention also relates to a method for dumping material onto an underwater bottom or installation using the invented device and to a computer program comprising program instructions that when loaded into a computer carries out the method.

No. of Pages : 19 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1218/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MODULATION OF DYSTROPHIA MYOTONICA PROTEIN KINASE (DMPK) EXPRESSION

(51) International classification :A61K48/00
(31) Priority Document No :61/365775
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044555
Filing Date :19/07/2011
(87) International Publication No :WO/2012/012443
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)WHEELER Thurman
7)CHENG Seng H.
8)LEGER Andrew
9)WENTWORTH Bruce M.

(57) Abstract :
Provided herein are methods compounds and compositions for reducing expression of a DMPK mRNA and protein in an animal. Also provided herein are methods compounds and compositions for preferentially reducing CUGexp DMPK RNA reducing myotonia or reducing spliceopathy in an animal. Such methods compounds and compositions are useful to treat prevent delay or ameliorate type 1 myotonic dystrophy or a symptom thereof.

No. of Pages : 149 No. of Claims : 124

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.432/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MOTORCYCLE

(51) International classification	:B62K
(31) Priority Document No	:2012-024216
(32) Priority Date	:07/02/2012
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)NAKATA, MASATO
2)TAKENAKA, HIROSHI
3)SUZUKI, YOSHIHIKO
4)YAHASHI, MOTOYUKI

(57) Abstract :
[Object] To provide a technology which makes it possible to reduce the number of component parts in a body frame of a motorcycle. [Solving Means] The motorcycle 10 is provided with a head pipe 21 and a main frame 25 extending toward the vehicle rear side from the head pipe 21. The main frame 2 5 is a mono-frame which is circular in sectional shape. A seat rail 27 which is formed by bending a pipe frame and has a U-shaped form opened toward the vehicle rear side in plan view is provided at the rear end 2 6 of the main frame 25. A pivot frame 35 is disposed on the lower side of the main frame 25. A front end portion 28 of a seat rail 27 is joined to the main frame 2 5 at a position rearwardly of the pivot frame 3 5. [Selected Drawing] FIG. 15

No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013
(21) Application No.637/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR A MULTI-MODE LOGIC SEARCH ENGINE

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Hemant Juyal
2)Bharat kishnani

(57) Abstract :
The present invention relates to system and method for natural language query based multi-mode logic search engine for travel commerce industry, wherein the natural language query may be a simple sentence following a query. The present invention is configured with a user interface in connection with a multi-mode logic search engine. The user interface may allow a user to enter a general language query for travel booking and like services at a single point. Further the multi-mode logic search engine may be configured to include an indexer for selecting relevant keywords from the query. , wherein the query may be entered via one of a web, SMS, Voice platforms and Touch interfaces and like. A processor connected to the multi-mode search engine may be configured to extract the relevant results from a database in web presence and return the result to the user interface in a predefined format. Fig. 1

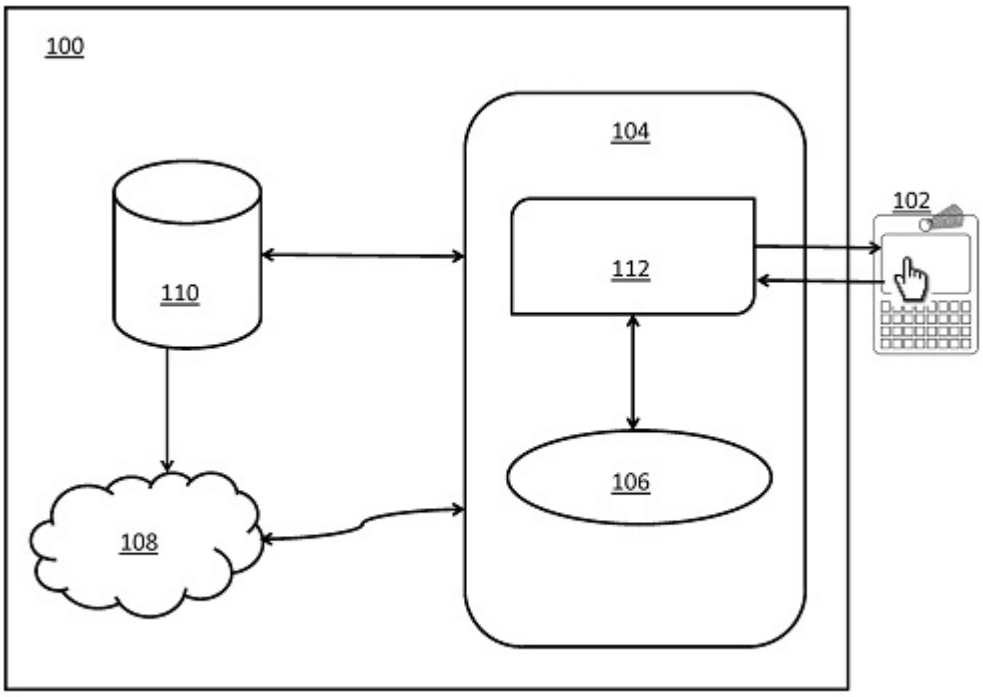

Fig. 1

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1060/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FORMULATIONS OF RIFAXIMIN AND USES THEREOF

(51) International classification :C07D498/00
(31) Priority Document No :61/363609
(32) Priority Date :12/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043769
Filing Date :12/07/2011
(87) International Publication No :WO 2012/009388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SELBO Jon
2)TENG Jing
3)KABIR Mohammed A.
4)GOLDEN Pam

(57) Abstract :
The present invention relates to new rifaximin forms comprising solid dispersions of rifaximin methods of making same and to their use in medicinal preparations and therapeutic methods.

No. of Pages : 146 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1173/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PORTABLE PATIENT INTERFACE SYSTEM

(51) International classification :A61M16/06,A61M16/08
(31) Priority Document No :61/371874
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/053122
Filing Date :13/07/2011
(87) International Publication No :WO 2012/020339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HO Peter Chi Fai

(57) Abstract :
A portable patient interface system (2) includes a frame (16) a cushion (14) coupled to a first side of the frame a collapsible faceplate (18) coupled to a second side of the frame opposite the first side and a longitudinally collapsible hose (56) structured to be in fluid communication with the collapsible faceplate and the cushion.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/02/2013
(21) Application No.458/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRONIC DOCKING SYSTEM ANDMETHOD FOR ROBOTIC POSITIONING SYSTEM

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Cregg K Cowan
3)Thomas P Low
4)Annjoe Wong-Foy

(57) Abstract :
An apparatus includes a robotic positioning device and a locating mat. The locating mat includes a location pattern and can be disposed on a floor at a desired position relative to a movable cradle of an imaging system. The robotic positioning device is configured to be disposed, at least partially, above the locating mat. The robotic positioning device includes a docking device that includes an optical device and a guide manipulator supported on the docking device. The guide manipulator can be positioned relative to the movable cradle based, at least partially, on image data associated with the optical device and the location pattern of the locating mat. The guide manipulator can position an instrument guide relative to a patient disposed on the movable cradle.

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.491/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR CREATING FLOATING KEYS IN A PORTABLE DEVICE

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Jith Thomas Thelleerethu

(57) Abstract :
A method and system for creating floating keys in a portable device is disclosed. The method includes selecting a key by providing activation signal on any of the keys present in the keypad of the device. Further, the selected key is floated to display irrespective of keypad layout, keypad type and input method engine. The floating keys can be created from any online documents. The method also provides a Unicode interface to the user to add keys present in a web source as a floating key. Further, the method of creating floating keys with multiple key combinations is also disclosed. FIG. 2

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.786/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF A N VINYLLACTAM / VINYLIMIDAZOL COPOLYMER AS DISPERSING AGENT

(51) International classification	:A01P13/00,A01N25/30,A01N57/20
(31) Priority Document No	:61/371178
(32) Priority Date	:06/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2011/063365 :03/08/2011
(87) International Publication No	:WO 2012/017006
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)MAYER Winfried
5)FISCHER Stefan
6)NGUYEN-KIM SON
7)FINCH Charles W.

(57) Abstract :
The present invention relates to a use of a copolymer comprising N vinyllactam and vinylimidazol or a quaternized vinylimidazol in polymerized form as dispersing agent in an aqueous composition containing a water insoluble pesticide. Further on it relates to an aqueous composition which contains a copolymer comprising in polymerized form at least 20 mol% N vinyllactam and at least 1 mol% vinylimidazol or a quaternized vinylimidazol a water insoluble pesticide and a dissolved salt. The invention also relates to a method for preparing the said composition by mixing water the water insoluble pesticide the salt and the copolymer. Another subject is a method for controlling phytopathogenic fungi and/or undesired plant growth and/or undesired attack by insects or mites and/or for regulating the growth of plants where said composition is allowed to act on the particular pests their habitat or the plants to be protected from the particular pest the soil and/or on undesired plants and/or the useful plants and/or their habitat.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1003/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLENOID VALVE

(51) International classification :F16K31/06
(31) Priority Document No :2010158999
(32) Priority Date :13/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060245
Filing Date :27/04/2011
(87) International Publication No :WO 2012/008201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUJINO Yuuki
3)NAKADAIRA Akira

(57) Abstract :
A solenoid valve comprises: a valve body which has a valve seat; a solenoid support body which is joined to the valve body; a valve element which can be seated on the valve seat; a plunger which supports the valve element and is slidably supported by the solenoid support body; a valve spring which presses the valve element in the direction in which the valve element is seated on the valve seat; and a solenoid which is mounted to the solenoid support body and which upon receiving the supply of electricity operates the plunger against the pressing force of the valve spring to the side on which the valve element is fully opened. The valve spring (28) is formed as a single coiled spring having a conical coiled section (29) and a cylindrical coiled section (30) which has the same diameter as the small diameter end (29b) of the conical coiled section (29) and extends from the small diameter end (29b). The spring constant of the cylindrical coiled section (30) is set to be greater than the spring constant of the conical coiled section (29). Thus the simple configuration provides the valve spring with load characteristics represented by a broken line composed of two straight lines and the configuration improves the opening and closing response of the valve element without being affected by the manufacturing error of each part.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1088/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR SELECTING USER TERMINAL SO AS TO ENHANCE RECIPROCITY ERROR CALIBRATION BETWEEN UPLINK AND DOWNLINK

(51) International classification :H04L25/03
(31) Priority Document No :201010229368.7
(32) Priority Date :16/07/2010
(33) Name of priority country :China
(86) International Application No :PCT/IB2011/001867
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LUO Qinglin
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(57) Abstract :
The present invention provides a method and a device for selecting user terminal so as to enhance calibration for reciprocity error between uplink and downlink in the purpose of enhancing the accuracy of calibration for reciprocity error between uplink and downlink in TDD system. Wherein the method comprises the following steps: obtaining channel quality related information between a plurality of first user terminals and a first base station wherein said channel quality related information is used for indicating channel qualities between said plurality of first user terminals and said first base station; selecting at least one first user terminal as a calibration user terminal for calibrating said reciprocity error between uplink and downlink according to said channel quality related information.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.608/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CERAMIC PARTICLES WITH FAST AND TUNABLE DEGRADATION PROPERTIES FOR ANTIBACTERIAL APPLICATIONS

(51) International classification :C04B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SEKHARAPILLAI VIJAYAN
5)PARIMANATHU KOVILAKOM RAMA VARMA HARI KRISHNA VARMA
6)AKHANDANANDAN MAYA NANDKUMAR
7)CHANDRA PRAKASH SHARMA

(57) Abstract :
This invention relates to a process for the preparation of the product ceramic particles with fast tunable degradation properties, comprising the steps of adding a solution of a silicate to a phosphate compound under stirring and in an inert atmosphere to obtain a reaction mixture, adding a solution of a calcium compound to the reaction mixture, followed by further stirring and heating the same to obtain a gel-like mixture drying the gel-like mixture and sintering the same to obtain a sintered mixture, followed by grinding the sintered mixture to obtain a fine powder of ceramic particles.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.787/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SELECTOR SWITCH MECHANISM WITH COMPENSATION FOR POSITION OF THE CAM SLOT

(51) International classification :H01H9/00,H01H33/66
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/059676
Filing Date :06/07/2010
(87) International Publication No :WO 2012/003863
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JONSSON Lars

(57) Abstract :
A vertical tap changer of the type that comprises a cylinder with a rotatable shaft. The vertically arranged cylinder (2) is insulated and provided with contact elements (12) a the switching shaft (3) extends in the axial direction of the cylinder and a contact carrying structure (4) attached to the shaft and rotating with the shaft to effectuate tap changes upon rotation of the shaft inside the cylinder (2). The tap changer comprises vacuum interrupters (5) arranged vertically on the contact carrier structure (4) and the vacuum interrupters is operated by activating levers (6) following a cam ring (7) arranged on the inner surface of the cylinder (2). The tap changer also includes a reference guide (8) carried by the contact carrier structure (4) which reference guide (8) upon rotation of the shaft follows the cam ring (7) the activating lever (6) is connected to the guide and thereby the reference guide (8) keeps the actuating lever in position in relation to the cam ring. The arrangement is characterised in that the reference guide (8) is pivotally (11) arranged in relation to the shaft (2) and the vacuum interrupter is fixedly secured to the shaft.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1015/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HANDRAIL

(51) International classification :E04F11/18
(31) Priority Document No :2010158238
(32) Priority Date :12/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065677
Filing Date :08/07/2011
(87) International Publication No :WO 2012/008375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)IYODA Mutsumi

(57) Abstract :
Disclosed is a handrail easy to grasp which is capable of smoothly guiding the fingers while the user walks while grasping the handrail. Specifically disclosed is a handrail having a shape which does not look like a handrail at first sight but matches an installation site the handrail being also available for a healthy person who feels sick. The handrail comprises in the top surface a first flat part and a second flat part adjacent to the first flat part via a few millimeter step shape the step shape section configuring a first finger rest part and in the front surface a first guiding part a second finger rest part a second guiding part a third finger rest part and a third guiding part formed adjacently in this order such that the fingers are assigned to the first finger rest part the second finger rest part or the third finger rest part when the user grasps the handrail.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1055/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WIRELESS BASE STATION DEVICE AND METHOD FOR CONTROLLING TRANSMISSION POWER

(51) International classification :H04W52/18,H04W84/10,H04W92/20
(31) Priority Document No :2010174372
(32) Priority Date :03/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067584
Filing Date :01/08/2011
(87) International Publication No :WO 2012/017980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIKI Nobuhiko

(57) Abstract :
This method for controlling transmission power is characterized in that a macrocell wireless base station device (10) receives cell information reception quality measurement results and registration information indicating whether a device is a unregistered mobile terminal device other than the terminal devices for which a connection to a femtocell wireless base station device (20) has been registered determines whether or not a non registered mobile terminal device has come near the femtocell on the basis of the registration information reception quality measurement results and cell information and delivers approach information indicating that the non registered mobile terminal device has come near the femtocell to the femtocell wireless base station device (20) via a backhaul link and in that the femtocell wireless base station device (20) reduces the transmission power on the basis of the approach information.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.504/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WATER INJECTION-TYPE ELECTRIC POWER TOOL

(51) International classification :A47L
(31) Priority Document No :2012-027449
(32) Priority Date :10/02/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Akira OJIMA

(57) Abstract :
In a water injection-type grinder (1), a dust-collecting cover (50) is mounted on a loop handle (4). Specifically, upper receiving portions (16, 16) of handle housings (14, 15) are fit in a circular hole (51) of a dust-collecting cover (50), so that the inner side ofa rib (52) fits along the outer surfaces of the upper receiving portions (16, 16). Further, the projection (56) of the dust-collecting cover (50) is inserted downward into the cover mounting hole (62) in the upper part of a handle front half portion (8), and a projection (54) of the dust-collecting cover (50) is inserted backward into the cover mounting hole (60) on in front-side part of the handle front half portion (8).

No. of Pages : 46 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.802/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR DETECTING MONITORING AND/OR CONTROLLING RACING VEHICLES

(51) International classification :A63H18/02
(31) Priority Document No :20 2010 011 318.0
(32) Priority Date :12/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003619
Filing Date :19/07/2011
(87) International Publication No :WO 2012/019696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a device for detecting monitoring and/or controlling racing vehicles on a preferably multi lane racetrack having at least one sensor unit which is arranged countersunk under the surface of a carriageway. According to the invention the at least one sensor unit is mounted on a guide element which can be inserted into a receptacle space under the carriageway in the transverse direction with respect to the carriageway from the lateral edge of the carriageway. In this context cables lines or the like can be pre assembled in a complete state with the at least one sensor unit and can be inserted under the carriageway from the side together with the guide element with the result that there is no need for any separate laying of cables or even for a cable connection once the sensor is in position.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1021/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INHIBITORS OF BRUTON S TYROSINE KINASE

(51) International classification :C07D401/14,C07D403/14,C07D487/04
(31) Priority Document No :61/372887
(32) Priority Date :12/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063657
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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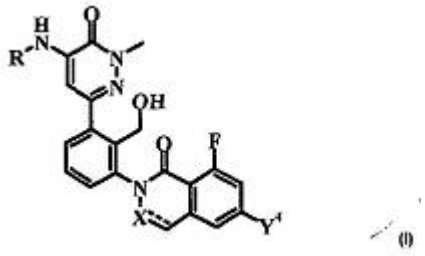
13)OWENS Timothy D.
14)TAN Jenny
15)WOVKULICH Peter Michael

(57) Abstract :
This application discloses 6 (2 Hydroxymethyl phenyl) 2 methyl 2H pyridazin 3 one derivatives according to generic Formula (I): wherein variables X R and Y are defined as described herein which inhibit Btk. The compounds disclosed herein are useful to modulate the activity of Btk and treat diseases associated with excessive Btk activity. The compounds are further useful to treat inflammatory and auto immune diseases associated with aberrant B cell proliferation such as rheumatoid arthritis. Also disclosed are compositions containing compounds of Formula I and at least one carrier diluent or excipient.



No. of Pages : 281 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013
(21) Application No.1170/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METALLIC PALLET WITH IMPROVED CORNER CONSTRUCTION

(51) International classification :B65D19/28,B65D19/38,B65D25/20
(31) Priority Document No :61/365409
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044432
Filing Date :19/07/2011
(87) International Publication No :WO 2012/012363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :30400 Telegraph Road Suite 405 Bingham Farms MI 48025 U.S.A.
(72)**Name of Inventor :**
1)MANI Ayyakannu

(57) Abstract :
A metallic pallet (20) having generally planar top (22) and bottom (40) sides. Corner pieces (56) join the top (22) and bottom (40) sides and provide controlled deformation in the event of corner impacts. Spacer block (78 80) function as risers to establish a space between top (22) and bottom (40) sides for receiving forklift tines (24). The top side (22) is formed in a rectangular formation with long (28) and short (30) rails establishing a perimeter for a plurality of decking members (32) which are welded at their ends to one another and to the corner pieces (56). Each corner piece (56) includes a separately formed plastic cover (64). The inside of the cover (64) may include vertical notches (92) for engaging vertical ribs (70) formed by structural webbing inside the corner piece (56). The outer edge (66) of the cover may include an outer corner section configured to directly engage a chamfer (94) in the metallic body of the corner piece (56). An RFID tag (58) may be located in a hollow corner piece (56) for tracking purposes.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1234/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SENSOR FOR FAST DETECTION OF *E COLI*

(51) International classification :G01N21/76,G01N33/483
(31) Priority Document No :61/366638
(32) Priority Date :22/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045031
Filing Date :22/07/2011
(87) International Publication No :WO 2012/012732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MRIDANGAM RESEARCH INTELLECTUAL PROPERTY TRUST
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(72)**Name of Inventor :**
1)MOHANTY Pravansu S.
2)GUDURU Ramesh K.

(57) Abstract :
E ColiA method of fabricating biochip sensor comprising providing a precursor; depositing the precursor on a substrate to form a coating; and rapid melting/quenching treatment of the coating with an energy source to form micro/nanotextured surface with enhanced reflectance for fast chemiluminescence response of bacteria.

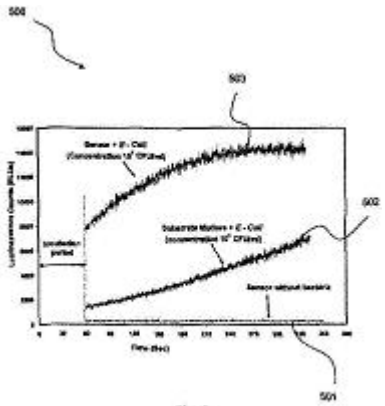

Fig. 5

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.463/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCING CATALYST FOR PURIFICATION OF EXHAUST GAS

(51) International classification :B26B
(31) Priority Document No :2012-023108
(32) Priority Date :06/12/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Toyofumi TSUDA
2)Fumikazu KIMATA

(57) Abstract :
K & S PARTNERS Intellectual Property Attorneys 105, Mettu Street, Ayanavaram Chennai-600 023 Tamil Nadu, India

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013
(21) Application No.805/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPLICATION SERVER FOR MANAGING COMMUNICATIONS TOWARDS A SET OF USER ENTITIES

(51) International classification :H04L29/06
(31) Priority Document No :10172604.0
(32) Priority Date :12/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063769
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEUTSCHE TELEKOM AG
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(72)**Name of Inventor :**
1)KLEIN Andreas
2)BREMER Rainer
3)DEMEL Sabine
4)DENNERT Thomas
5)NILSSON Jens
6)THELEN Jrg

(57) Abstract :
The invention relates to an application server for managing communications towards a set of user entities the set of user entities having a first user entity. The application server comprises a receiver (201) for receiving a first session initiation request (202) the first session initiation request (202) comprising a public identification identifying the set of user entities a processor (203) for assigning a first user identification to the public identification the user identification identifying the first user entity and a transmitter (205) for transmitting a second session initiation request (204) to establish a communication link towards the first user entity the second session initiation request (202) comprising the first user identification.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1120/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMITTING RADIO CONFIGURATION PARAMETERS FROM A BASE STATION TO A RELAY NODE

(51) International classification :H04W24/02,H04W48/08
(31) Priority Document No :10290449.7
(32) Priority Date :17/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062514
Filing Date :21/07/2011
(87) International Publication No :WO 2012/022578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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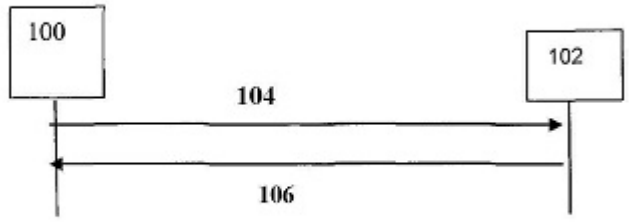
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)GODIN Philippe
2)PALAT Sudeep K

(57) Abstract :
The invention relates to a method of transmitting radio configuration parameters from a base station (102) to a relay node (100) in a wireless telecommunication system the method comprising the step of transmitting a signal (106) from the base station to the relay node over an air interface via a protocol the protocol being adapted to communication between two network nodes wherein the signal is indicative of the radio configuration parameters and/or at least one unique cell global identity.

Fig. 1



No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1121/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : GRIT REMOVAL SYSTEM

(51) International classification :B01D21/24,B01D21/04
(31) Priority Document No :61/364861
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050439
Filing Date :15/07/2011
(87) International Publication No :WO 2012/006745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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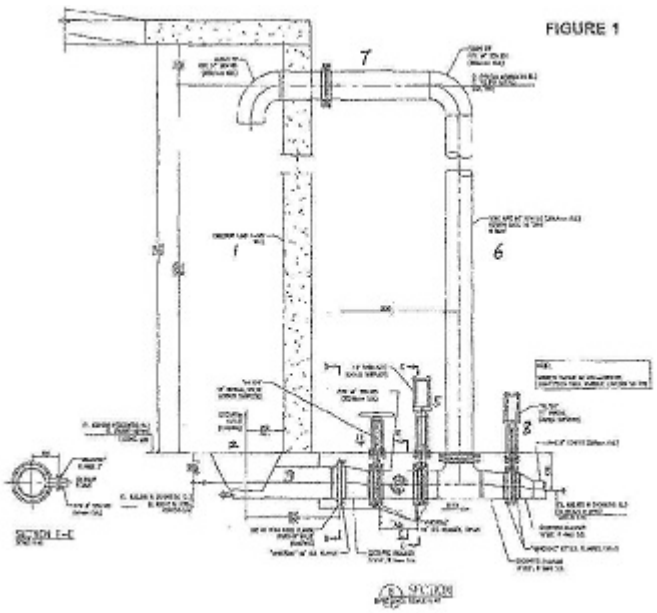
(72)**Name of Inventor :**
1)KOTELKO Peter
2)KOTELKO Mike
3)CARAGANIS George
4)FOSTER Glen

(57) Abstract :
A grit removal system for tanks with a need to remove settled solids (e.g. anaerobic digester tank) is described. The system is especially suitable for a large tank preferably having a flat floor and it works well while submerged under a liquid. Specifically a periphery driven rack & pinion mechanism drives a shaft to rotate about a center pivot and scrapes settled solids towards tank periphery where the solids fall into a pit on the tank floor. A drainage opening inside the pit when opened by a valve is used to flush out the solids through a standpipe into a settlement tank for final dewatering and solid disposal. The system is compatible for continuous tank operation and is useful for stirring tanks requiring periodic sediment removal.



No. of Pages : 22 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1181/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING ALUMINIUM TRIHYDROXIDE

(51) International classification :C01F7/02,C09C1/40,C08K3/22
(31) Priority Document No :10173296.4
(32) Priority Date :18/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063957
Filing Date :12/08/2011
(87) International Publication No :WO 2012/022692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Alustrae 50 52 92421 Schwandorf Germany
(72)**Name of Inventor :**
1)REIMER Alfred
2)IHMELS Carsten
3)BEER Christian

(57) Abstract :
2The invention relates to a process for the mill drying of a crude mixture comprising aluminium trihydroxide with an average particle size D50 in the range from 50 to 130 µm and a BET specific surface area in the range from 0.01 to 0.5 m/g and 0.1% to 20% by weight of water based on the crude mixture comprising the steps of i) feeding the crude mixture into a mill drying assembly ii) feeding a stream of hot air at a temperature in the range from 20 to 100°C into the mill drying assembly to flow through the mill drying assembly and iii) comminuting the aluminium trihydroxide present in the crude mixture in the mill drying assembly.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1182/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEDICAMENT CARTRIDGES WITH NON STANDARD DIMENSIONS

(51) International classification :A61M5/28,A61J1/06
(31) Priority Document No :61/365457
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/062277
Filing Date :18/07/2011
(87) International Publication No :WO 2012/010563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANOFI AVENTIS DEUTSCHLAND GMBH
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(72)**Name of Inventor :**
1)HEMMANN Kerstine

(57) Abstract :
A method of closing the distal end of an ampoule (322) is shown. The ampoule (322) has a variable diameter head portion (331) having a locating surface (350) and an opening. A septum (327) is positioned on the opening and secured to the head portion (331) with a ferrule (324) using a plunger. The plunger exerts a force in a proximal direction to press the ferrule (324) on the head portion (331) until the press causes the ferrule (324) to contact the locating surface (350). Further the ampoule (322) for use in a cartridge (320) for a drug delivery device (100) has non standard dimensions to provide a coding system to reduce the risk of a user dispensing the wrong medicament from the drug delivery device (100).

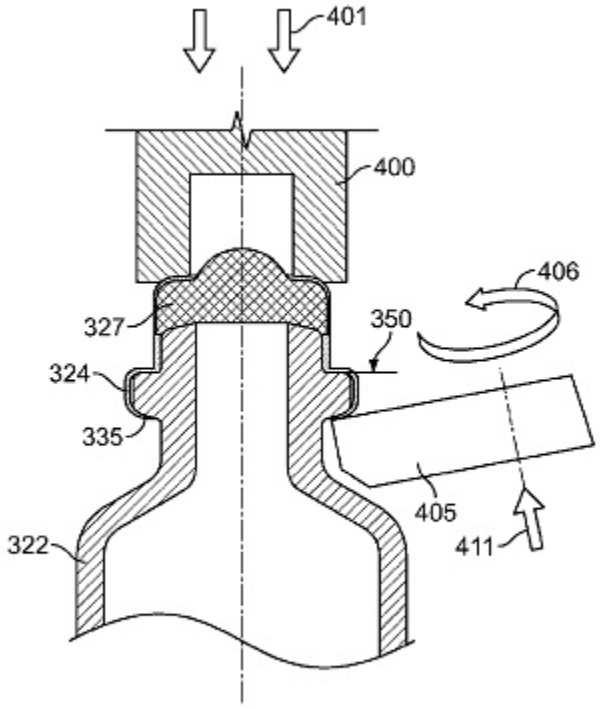

FIG. 6

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.818/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TACKIFIERS FOR COMPOSITE ARTICLES

(51) International classification :B32B5/16
(31) Priority Document No :61/400828
(32) Priority Date :03/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046465
Filing Date :03/08/2011
(87) International Publication No :WO 2012/018940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BOUGUETTAYA Mohamed
2)FOLEY Nicholas
3)NORTON John C.
4)FISCHER Stephen A.

(57) Abstract :
A composite article comprises a plurality of lignocellulosic pieces and an adhesive system disposed on the plurality of lignocellulosic pieces for bonding the plurality of lignocellulosic pieces. The adhesive system comprises a binder component and a tackifier component. The tackifier component comprises an acrylic or a styrene butadiene polymer. The tackifier component is useful for maintaining orientation of the plurality of lignocellulosic pieces during manufacture of the composite article. The composite article may be various engineered lignocellulosic composites such as particleboard.

No. of Pages : 84 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1026/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STRIP GUIDE DEVICE

(51) International classification	:B22D 11/124 , B22D 11/22
(31) Priority Document No	:10 2010 020 937.6
(32) Priority Date	:19/05/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2011/000437 :01/02/2011
(87) International Publication No	:WO/2011/144266
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:10407/CHENP/2012 :01/02/2011

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOVESTADT, ERICH
2)REIFFERSCHEID, MARKUS

(57) Abstract :
Die Erfindung betrifft eine Strangf¼hrungsvorrichtung zum F¼hren eines Metallstrangs nach seinem Austritt aus einer Kokille in einer Stranggieanlage. Um den konstruktiven Aufwand f¼r eine Sekundrk¼hleinrichtung innerhalb der Strangf¼hrungsvorrichtung zu verringern und die Sekundrk¼hlung zu verbessern, wird erfindungsgem vorgeschlagen, die Ventile der einzelnen K¼hlzonen der Sekundrk¼hleinrichtung entweder direkt auf den Rollensegmenten oder alternativ im Bereich II. des Segmenttrgers (220) anzuordnen.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1073/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI FAP ANTIBODIES AND METHODS OF USE

(51) International classification :C07K16/40
(31) Priority Document No :10172842.6
(32) Priority Date :13/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063648
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)FREIMOSER GRUNDSCHOBER Anne
3)HOSSE Ralf
4)KLEIN Christian
5)MOESSNER Ekkehard
6)NICOLINI Valeria G.
7)UMANA Pablo

(57) Abstract :
The invention provides antibodies against Fibroblast Activation Protein (FAP) and methods of using the same.

No. of Pages : 257 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1135/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FIBER COMPOSITE COMPONENT AND A PROCESS FOR PRODUCTION THEREOF

(51) International classification :C08G18/40,C08G18/48,C08G18/58
(31) Priority Document No :10 2010 039 346.0
(32) Priority Date :16/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063907
Filing Date :12/08/2011
(87) International Publication No :WO 2012/022683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FRANKEN Klaus
3)PASSMANN Dirk
4)NORDMANN Peter

(57) Abstract :
The present invention relates to flat fiber composite components obtainable by impregnating fibers with a reactive resin mixture of polyisocyanates polyepoxides polyols and optionally additives and to a process for production thereof.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013
(21) Application No.1136/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF OXIDIZED PHOSPHOLIPIDS

(51) International classification	:A61K 31/66 , C07F 9/02
(31) Priority Document No	:60/586,219
(32) Priority Date	:09/07/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2005/00735 :10/07/2005
(87) International Publication No	:WO/2006/006161
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:581/CHENP/2007 :10/07/2005

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HALPERIN, GIDEON
2)KOVALEVSKI-ISHAI, ETI

(57) Abstract :
IMPROVED PROCESS FOR THE PREPARATION OF OXIDIZED PHOSPHOLIPIDS This invention relates to a method of preparing a compound having a glycerolic backbone and at least one oxidized moiety-containing residue attached to the glycerolic backbone via an ether bond, the method comprising: providing a first compound having a glycerolic backbone and at least one free hydroxyl group; providing a fifth compound having at least one oxidized moiety and at least one fourth reactive group; reacting said first compound and said fifth compound to thereby obtain a reaction mixture containing a sixth compound, said sixth compound being the compound having a glycerolic backbone and at least one oxidized moiety-containing residue attached to the glycerolic backbone via an ether bond; and isolating the compound having a glycerolic backbone and at least one oxidized moiety-containing residue attached to the glycerolic backbone via an ether bond.

No. of Pages : 68 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.804/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ENTITY FOR MANAGING COMMUNICATIONS TOWARDS A USER ENTITY OVER A COMMUNICATION NETWORK

(51) International classification	:H04L29/06,H04W48/18,H04W48/00
(31) Priority Document No	:10172622.2
(32) Priority Date	:12/08/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/063772 :10/08/2011
(87) International Publication No	:WO 2012/020055
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :Friedrich Ebert Allee 140 53113 Bonn Germany
(72)**Name of Inventor :**
1)BREMER Rainer

(57) Abstract :
The present invention relates to a network entity for managing communications towards a user entity over a communication network the network entity having an access domain selector (203) for determining an access domain of the user entity upon the basis of user entity specific data and an application server (201) for providing the user entity specific data.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.825/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BETA KETOCARBONYLQUAT COMPOUNDS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification :C07C219/06,C07C235/74
(31) Priority Document No :10 2010 038 887.4
(32) Priority Date :04/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/062465
Filing Date :20/07/2011
(87) International Publication No :WO 2012/016837 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HERZIG Christian

(57) Abstract :
111211New ketocarbonylquat compounds which contain one or more ketocarbonyl groups of the general formula (I) and one or more quaternary ammonium groups where the radicals R can be identical or different and are each an aliphatic hydrocarbon radical having from 6 to 28 carbon atoms are described. The ketocarbonyl group of the formula (I) is preferably bound to a radical Y which is a divalent radical of the formula O NH NR preferably NH NR or a trivalent radical of the formula =N where R is a monovalent hydrocarbon radical having from 1 to 30 carbon atoms. The new ketocarbonylquat compounds are prepared by reacting alkylketene dimmers (1) of the general formula (III) with amino compounds (2) which contain at least one tertiary amino group and at least one protic group selected from the group of the formulae OH NH NHR and NH where R and R are as defined above in a first step to give compounds (3) having tertiary amino groups and partially or fully quaternizing the tertiary nitrogen atoms of the compounds (3) obtained in the first step with alkylating agents (4) in a second step.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013
(21) Application No.1201/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTROMAGNETIC OSCILLATING DIAPHRAGM PUMP

(51) International classification :F04B45/04,F04B45/047
(31) Priority Document No :2011091462
(32) Priority Date :15/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059649
Filing Date :09/04/2012
(87) International Publication No :WO 2012/141126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ISHII Hideki
2)TAKAMICHI Tsuyoshi

(57) Abstract :
Provided is an electromagnetic oscillating diaphragm pump capable of increasing pump efficiency by increasing the width of oscillation of a diaphragm regardless of whether the pressure inside a compression chamber increases. Diaphragms (2) are fixed to both end parts of an oscillator (1) which has magnets (11a 11b). AC powered electromagnets are provided facing the magnets (11a 11b) of the oscillator (1). The electromagnet side of each diaphragm (2) is covered by a frame (4) fixedly attached to the outer circumference of the diaphragms (2) and the opposite side of each diaphragm (2) is covered by a pump casing (5). The pump casing (5) includes a compression chamber (51) in contact with the diaphragm (2) an intake chamber coupled to the compression chamber (51) via an intake valve and a discharge chamber (53) connected to the compression chamber (51) via a discharge valve (53a). The intake chamber or the discharge chamber (53) is connected to the frame (4) via a communication hole (6).

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1202/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TECHNIQUES FOR MULTI USER MIMO SOUNDING IN WIRELESS NETWORKS

(51) International classification :H04B7/04,H04W88/08
(31) Priority Document No :12/890102
(32) Priority Date :24/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053332
Filing Date :26/09/2011
(87) International Publication No :WO 2012/040739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GONG Michelle X.
3)TRAININ Solomon

(57) Abstract :
An embodiment of the present invention provides an apparatus comprising a transceiver operable as an access point and capable of communicating in a wireless network the AP adapted to perform a down link multi user multiple input multiple output (DL MU MIMO) transmission and further adapted to transmit a null data packet (NDP) to sound channels between intended recipient wireless stations (STAs) and wherein following a DL MU MIMO transmission of the NDP the AP polls each of the STAs in turn for channel state information.

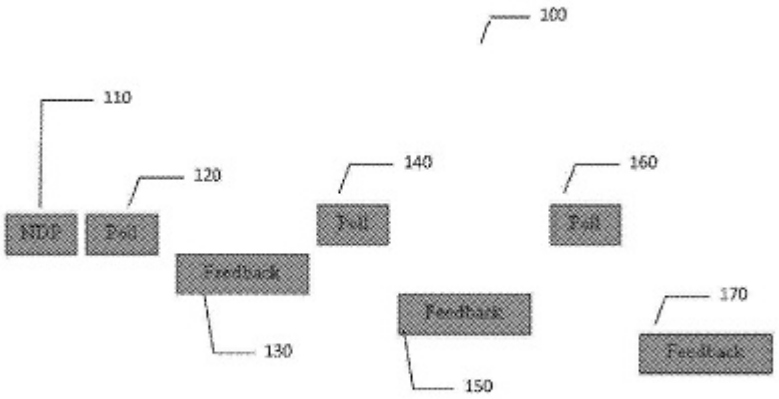

FIG. 1

No. of Pages : 13 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013
(21) Application No.794/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS TO FACILITATE SUPPORT FOR MULTI RADIO COEXISTENCE

(51) International classification :H04W72/12
(31) Priority Document No :61/370717
(32) Priority Date :04/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046473
Filing Date :03/08/2011
(87) International Publication No :WO 2012/018947
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MANTRAVADI Ashok
2)KADOUS Tamer A.
3)LINSKY Joel Benjamin

(57) Abstract :
A method of wireless communication includes determining a frame offset between communications of a first communication resource (e.g. an LTE radio) and communications of a second communication resource (e.g. a Bluetooth or WLAN radio). The method also includes determining potential time slot configurations for the communications of the second communication resource. A time slot configuration is selected from the determined potential time slot configurations to reduce degradation of the first communication resource due to conflicting time slots between the first communication resource and the second communication resource based on the determined frame offset. The selection may be based on the determined frame offset.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.835/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED FILTER FOR REMOVING SUBSTANCES FROM BLOOD OR FROM BLOOD DERIVATIVES AND A METHOD FOR OBTAINING IT

(51) International classification :A61M1/36
(31) Priority Document No :MI2010A001514
(32) Priority Date :06/08/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/001792
Filing Date :29/07/2011
(87) International Publication No :WO 2012/017291
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCAGLIARINI Massimo
2)QUERZ‰ Luca

(57) Abstract :
A filter for removing substances including leukocytes and platelets by way of non limiting example from whole blood or from blood derivatives said filter comprising a casing containing a layered filter element at least one layer of this latter being coated with polyurethane; this polyurethane has a molecular weight between 10 000 and 20 000 Dalton. A method for forming the layered filter element for a filter such as the aforedescribed is also claimed in which at least one layer of this filter element is impregnated with polyurethane by immersing it in a container of a mixture in which said polyurethane is present. This mixture consists of a solution in which the polyurethane is dissolved in a polar solvent such as water.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1061/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMPROVED METHODS FOR THE STERILIZATION OF BENDAMUSTINE

(51) International classification :A61L2/00
(31) Priority Document No :61/363847
(32) Priority Date :13/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043614
Filing Date :12/07/2011
(87) International Publication No :WO 2012/009299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CEPHALON INC.
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(72)**Name of Inventor :**
1)LABELL Rachel Y.
2)PATEL Piyush R.

(57) Abstract :
The present application is directed to methods of sterilizing bendamustine and its pharmaceutically acceptable salt forms. Preferred sterilization methods include dry heat sterilization gamma irradiation and e beam radiation. Sterile pharmaceutical compositions are also described.

No. of Pages : 11 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1114/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CLAMPING BODY FOR AN ELECTRIC CONDUCTOR

(51) International classification :C22C21/00,C22C21/08,H01R4/36
(31) Priority Document No :10 2010 027 082.2
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003422
Filing Date :08/07/2011
(87) International Publication No :WO 2012/007136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PHOENIX CONTACT GMBH & CO. KG
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(72)**Name of Inventor :**
1)AMBROSY Uwe
2)SCH„FER Michael

(57) Abstract :
22The invention relates to a clamping body (10) for an electric conductor comprising a clamping body pocket (12) that forms a receiving space (14) for receiving the electric conductor. A threaded bore (24) is formed in a lateral wall (22) of the clamping body pocket (12) in order to receive a screw. The aim of the invention is to devise a solution in which the clamping body (12) substantially has the properties of a clamping body that is made of an alloy containing brass and simultaneously complies with the EU guidelines and regulations prohibiting certain materials. This is achieved in that the clamping body pocket (12) is formed from an alloy containing aluminum said alloy having a tensile strength of 380 N/mm to 480 N/mm.

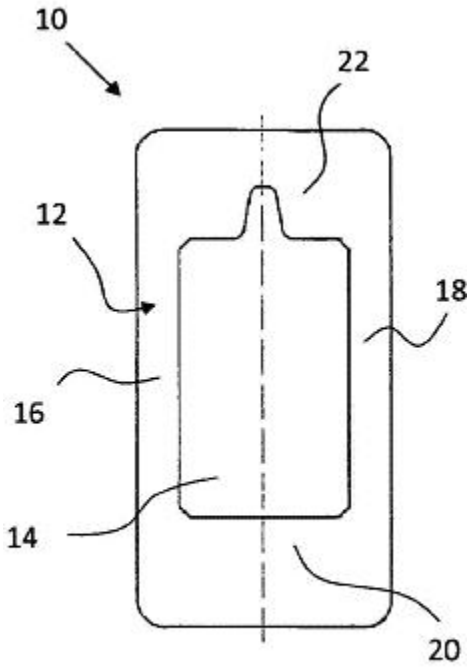

Fig. 1

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1115/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYOLEFIN BASED SOLAR BACKSHEET

(51) International classification :B32B27/32,B32B27/20,B32B17/10
(31) Priority Document No :10172956.4
(32) Priority Date :16/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/047863
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
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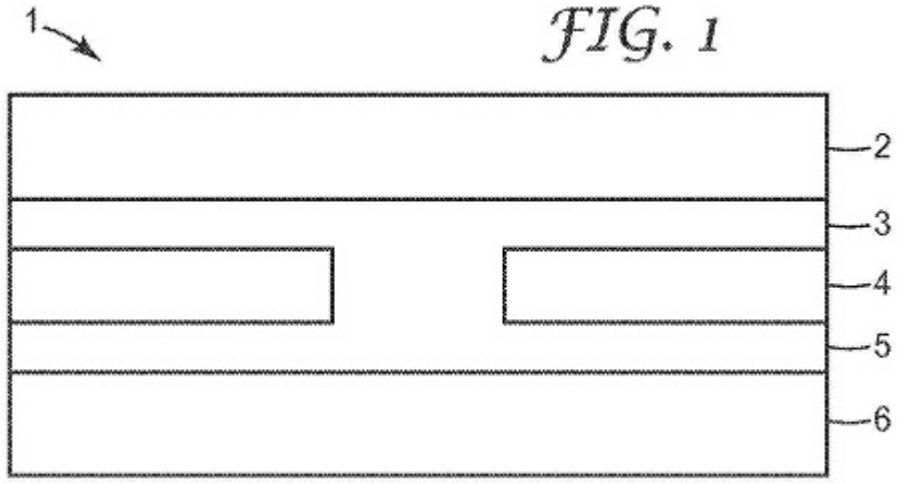
(72)**Name of Inventor :**
1)GRAICHEN Andreas H.
2)SCHOEPPEL Wolfgang G.
3)JRGENS Michael

(57) Abstract :
Multi layered protective backsheet for solar modules comprising in this order (i) an optional top layer (layer (i)) (ii) an insulating layer (layer (ii)) (iii) a back layer (layer (iii)) wherein between each layer there may or may not be one or more sublayers wherein the top layer (i) the insulating layer (ii) and the back layer (iii) contain a polyolefin as the major component wherein the polyolefin is selected from polyethene homo and copolymers (PE s) and polypropene homo and copolymers (PP s) and preferably the insulating layer (ii) has a thickness of at least 210 or at least 310 µm. Also provided are solar modules containing the backsheets and methods for making the backsheets and for making solar modules containing the backsheets.

FIG. 1



No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013
(21) Application No.1180/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHODS FOR THE PREPARATION OF DIASTEROMERICALLY PURE PHOSPHORAMIDATE PRODRUGS

(51) International classification :C07H19/02,C07H19/10,C07H19/20
(31) Priority Document No :61/365621
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044581
Filing Date :19/07/2011
(87) International Publication No :WO 2012/012465
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHO Aesop
2)CLARKE Michael ONeil Hanrahan
3)WOLCKENHAUER Scott Alan

(57) Abstract :
Provided are methods and intermediates for preparing diastereomerically pure phosphoramidate prodrugs of nucleosides of Formulas (la) and (lb): The compounds of Formula la and lb are useful for the treatment Hepatitis C infections.

No. of Pages : 114 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.810/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FOAMABLE COMPOSITIONS OF STABILIZED CHLORITE

(51) International classification :A61K9/12,A61K33/00,A61P17/02
(31) Priority Document No :61/373467
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000914
Filing Date :12/08/2011
(87) International Publication No :WO 2012/019288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUYUKTIMKIN Nadir
3)KISAK Edward T.
4)NEWSAM John M.
5)KING SMITH Dominic
6)SINGH Jagat
7)MARTIN Rainer

(57) Abstract :
TMThe present application relates to foamable compositions and foams comprising stabilized chlorite including stabilized chlorite solutions such as Oxovasin and to medical uses thereof in particular for wound healing. The foamable compositions comprise at least one foaming agent stabilized chlorite water and optionally a buffering agent.

No. of Pages : 86 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.874/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELICITING A BLOOD SAMPLE

(51) International classification :A61B5/151
(31) Priority Document No :10168955.2
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061537
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MACARTHUR Ross
2)RICHTER Frank

(57) Abstract :
Apparatus for eliciting a blood sample comprises: a housing; a shaft (204) mounted within the housing; an aperture (105) in the housing the aperture being configured to receive a part of a user; a member (208 209 210) rotatably mounted on the shaft; a lancet (309 506) protruding from one position at an edge of the member and a blood collection part located at a second different position at the edge of the member. The apparatus is configured such that: when the member is in a first rotational position the lancet is shielded by the housing when the member is in a second rotational position the lancet is operable to lance the part of the user received at the aperture and when the member is in a third rotational position the blood collection part is presented such as to receive blood from the part of the user received at the aperture.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1017/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYPEPTIDES FOR TREATING AND/OR LIMITING INFLUENZA INFECTION

(51) International classification :A61K38/10,A61K38/16
(31) Priority Document No :61/370410
(32) Priority Date :03/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046414
Filing Date :03/08/2011
(87) International Publication No :WO 2012/018907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FLEISHMAN Sarel

(57) Abstract :
The present invention provides polypeptides according to the general formulas disclosed herein which recognize and are strong binders to Influenza A hemagglutinin and can be used for example to treat and/or limit development of an influenza infection. The present invention further provides isolated nucleic acids encoding the polypeptides of the invention recombinant expression vectors comprising the nucleic acids encoding the polypeptides of the invention operatively linked to a suitable control sequence and recombinant host cells comprising the recombinant expression vectors of the invention. The present invention also provides antibodies that selectively bind to the polypeptides of the invention and pharmaceutical compositions comprising one or more polypeptides according to the invention and a pharmaceutically acceptable carrier. Additionally the present invention provides methods for treating and/or limiting an influenza infection methods for diagnosing an influenza infection or monitoring progression of an influenza infection methods for identifying candidate influenza vaccines and methods for identifying candidate compounds for treating limiting and/or diagnosing influenza infection.

No. of Pages : 108 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1116/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SADDLED VEHICLE

(51) International classification :B62M7/02,B62H1/02,B62K25/20
(31) Priority Document No :2010161694
(32) Priority Date :16/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065759
Filing Date :11/07/2011
(87) International Publication No :WO 2012/008394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKIGUCHI Shohei
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(57) Abstract :
A two wheeled motor vehicle (10) comprising an exhaust gas discharge device (52) extending in the longitudinal direction of the vehicle from the exhaust gas discharge port (53) of the engine (28). An upper fastening section (87) and a lower fastening section (88) which fasten the exhaust gas discharge device (52) to a pivot frame (24) are provided to the upper part and lower part of the exhaust gas discharge device (52). As a result the exhaust gas discharge device is supported with increased rigidity and the support structure for the exhaust gas discharge device is reduced in weight.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1117/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR GROUP CHANGE ISSUES IN MTC

(51) International classification :H04L29/08
(31) Priority Document No :2010182384
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063749
Filing Date :08/06/2011
(87) International Publication No :WO 2012/023337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)PRASAD Anand Raghawa

(57) Abstract :
A gateway (GW) is optimized for security management when a group member of MTC device changes group. The gateway performs access control to determine if MTC device can move to the target group. When the change is successfully completed the gateway allocates group key of the target group to MTC devices.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1178/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SLEEPING EPC FOR ENERGY SAVING IN LTE

(51) International classification :H04W28/08
(31) Priority Document No :2010182385
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067560
Filing Date :22/07/2011
(87) International Publication No :WO 2012/023415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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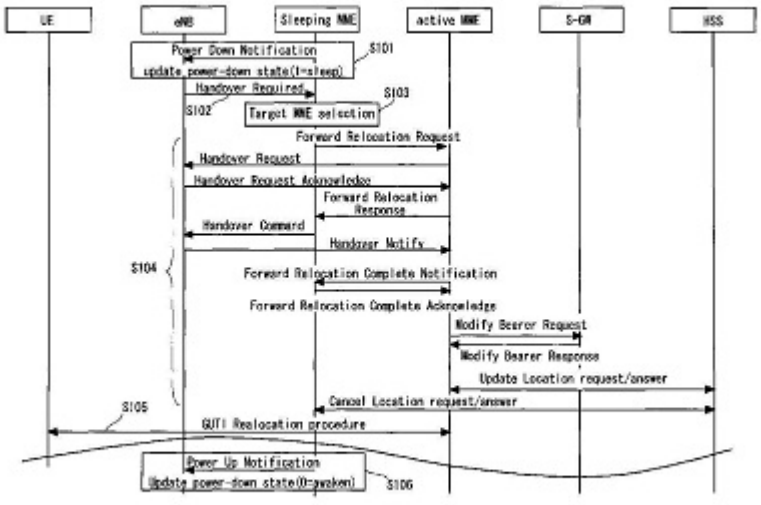
3)PUNZ Gottfried
4)SCHMID Stefan
5)TAMURA Toshiyuki
6)PRASAD Anand Raghawa
7)CHIBA Kazuhiro
8)OKABE Junya

(57) Abstract :
In order to save energy in EPS network some of the MMEs and/or S GWs are allowed to sleep (power down) when network s traffic load is decreased. When the traffic load becomes heavier the network can power up some of the formerly sleeping MMEs and/or S GWs.

Fig. 1



No. of Pages : 23 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.1179/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATION THERAPY OF AN AFUCOSYLATED CD20 ANTIBODY WITH AN ANTI VEGF ANTIBODY

(51) International classification :A61K39/395,C07K16/22,C07K16/28
(31) Priority Document No :10173108.1
(32) Priority Date :17/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064097
Filing Date :16/08/2011
(87) International Publication No :WO 2012/022747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HERTING Frank
2)KLEIN Christian

(57) Abstract :
The present invention is directed to the combination therapy of an afucosylated anti CD20 antibody with an anti VEGF antibody for the treatment of cancer especially to the combination therapy of CD20 expressing cancers with an afucosylated humanized B Ly1 antibody and an anti VEGF antibody.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.880/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALLOWING MEASUREMENTS TO BE MADE OF A BLOOD SAMPLE

(51) International classification :A61B5/00,G01N33/487,A61B5/157
(31) Priority Document No :10168954.5
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061536
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RICHTER Frank
2)MACARTHUR Ross

(57) Abstract :
Allowing measurements to be made of a blood sample Apparatus for allowing measurements to be made of a blood sample comprises a shaft (204) and at least first and second blood collection members (208 209 210).The blood collection members are independently rotatable about the shaft. Each blood collection member includes: a blood analysis part (316) for receiving a blood sample plural conductive contacts (318) and plural conductors (317) extending between the blood analysis part and respective ones of the conductive contacts. The apparatus also includes plural terminals (405) configured to provide an electrical connection with the plural conductive contacts on a first member when the apparatus is in a first configuration and to provide an electrical connection with the plural conductive contacts on a second member when the apparatus is in a second configuration thereby allowing successive measurements of at least one parameter of blood samples provided on the blood analysis parts of the first and second members.

No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2009
(21) Application No.3575/CHENP/2009 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SODIUM SALT OF DISACCHARIDE COMPOUND, METHOD FOR PRODUCING THE SAME, AND USE OF THE SAME

(51) International classification :C07H15/12
(31) Priority Document No :2006-315020
(32) Priority Date :22/11/2006
(33) Name of priority country :Japan
(86) International Application No :PCT/JP07/72579
Filing Date :21/11/2007
(87) International Publication No :WO 2008/062842 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SAKURAI, SHIN
2)FURUKAWA, KEN
3)MATSUO, KIMIHIRO
4)TAGAMI, KENICHI

(57) Abstract :
Disclosed are a sodium salt represented by the average formula (I) below, and a method for producing such a sodium salt. (In the formula, independently represent 0 or a positive number not more than 2, while satisfying mi + n] = 2, m2 + n2 =2, 0 < m2 < 4 and 0 < ni + n2 < 4.) Also disclosed is a decomposition suppressing method which enables to have a sodium salt represented by the average formula (I) coexistent with a sodium salt represented by the general formula (IV) below. This method enables to improve long-term stability of a sodium salt represented by the general formula (IV).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013
(21) Application No.522/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A TOAL FOLIAR PRODUCT FOR AGRICULTURE/HORTICULTURE/TISSUE CULTURE AND HYDROPONIC CULTIVATION

(51) International classification	:C07D257/00, C07D277/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)S. SUNDARESAN

(57) Abstract :
A foliar product for use in agriculture and horticulture comprising heterocyclic nitrogen source, chelating agent and metal salts. The heterocyclic nitrogen source is Hexamine. The chelating agent is disodium salt of Hydroxy Ethylidene Di Phosphonic Acid (Na2 HEDP). The metal salts are chelated using the chelating agent Na2 HEDP. The foliar product provides complete raw material requirement, which enables plants to synthesize various products. Further, the present invention relates to a method of manufacturing the foliar product. Advantageously, the present invention eliminates undesirable side effects in plants and helps plants survive environmental or biological stress conditions.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.817/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CARRIER FLUIDS FOR ABRASIVES

(51) International classification :C10M107/30
(31) Priority Document No :10171716.3
(32) Priority Date :03/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063276
Filing Date :02/08/2011
(87) International Publication No :WO 2012/016976 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SEELMANN EGGEBERT Hans Peter
2)SENF Andreas
3)ROESCH Markus
4)BENTELE Joachim
5)SCHMIDT Kati
6)STEFANOWSKI Udo

(57) Abstract :
The invention relates to improved novel carrier fluids for abrasives especially cutting fluids for wafer production. The invention also relates to the use of said fluids and to a method for cutting wafers.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.839/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARYLOXYALKYLENE-SUBSTITUTED HYDROXYPHENYLHEXYNOIC ACIDS, PROCESS FOR THE PREPARATION THEREOF AND USE THEREOF AS A MEDICAMENT

(51) International classification	:C07C59/64,C07C255/54,C07D213/65
(31) Priority Document No	:10305732.9
(32) Priority Date	:05/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/061334 :05/07/2011
(87) International Publication No	:WO 2012/010413
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)DEFOSSA Elisabeth
3)DIETRICH Viktoria
4)STENGELIN Siegfried
5)HERLING Andreas
6)HASCHKE Guido
7)KLABUNDE Thomas

(57) Abstract :
The invention relates to aryloxy alkylene substituted hydroxyphenyl hexynoic acid derivatives of formula (I) and to their physiologically compatible salts. The compounds are suitable for for example the treatment of diabetes because they cause an increased insulin release by activating the GPR40 receptor.

No. of Pages : 150 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.860/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WAVE POWER ASSEMBLY

(51) International classification :F03B13/18
(31) Priority Document No :2010/04633
(32) Priority Date :01/07/2010
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2011/052876
Filing Date :30/06/2011
(87) International Publication No :WO 2012/001646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAHALA POWER CO LTD
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(72)**Name of Inventor :**
1)BRINK Christoph Hendrik

(57) Abstract :
A wave power buoy assembly for underwater installation having a tensile member with an operatively upper end and an operatively lower end a buoy attached to the upper end of the tensile member and a friction coupling attached to the lower end of the tensile member for installing the tensile member to a driveshaft of an electrical generator such that when installed on the driveshaft the frictional coupler rotationally engages the shaft upon tensioning of the tensile member and disengages the driveshaft upon relief of tension of the tensile member.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.884/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : USE OF DEUTERIUM DEPLETED WATER FOR THE TREATMENT OF INSULIN RESISTANCE

(51) International classification :A61P3/10
(31) Priority Document No :P1000357
(32) Priority Date :08/07/2010
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2011/000063
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SOMLYAI G¡bor

(57) Abstract :
The invention relates deuterium depleted water containing 0.01 to 135 ppm deuterium preferably 105 to 125 ppm deuterium for use in the treatment of insulin resistance. Further object of the invention is deuterium depleted food product containing 0.01 to 135 ppm deuterium preferably 105 to 125 ppm deuterium for use in the treatment of insulin resistance.

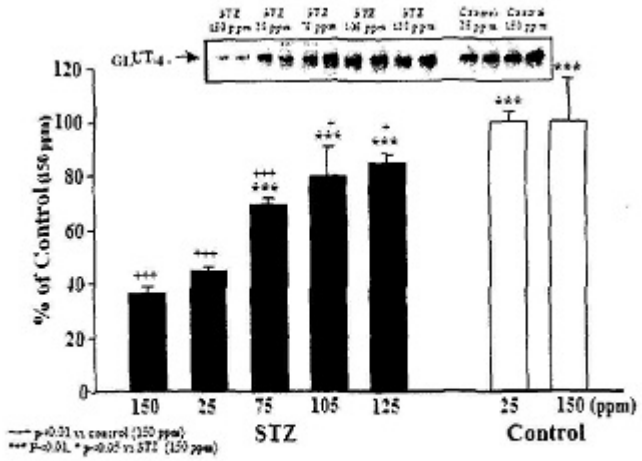

Figure 1

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013
(21) Application No.1144/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BACKWARD COMPATIBLE LTE SYSTEM DESIGN FOR ASYMMETRIC UPLINK/DOWNLINK FREQUENCY SPECTRUM

(51) International classification :H04W72/04
(31) Priority Document No :61/373749
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047529
Filing Date :12/08/2011
(87) International Publication No :WO 2012/021772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MALLADI Durga Prasad
2)WEI Yongbin

(57) Abstract :
A method of frequency division duplex (FDD) wireless communications asymmetrically maps between downlink and uplink spectrum blocks. Multiple downlink spectrum blocks may be mapped to an uplink spectrum block.

No. of Pages : 42 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1145/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALIGNMENT CONTROL

(51) International classification :G06F9/312,G06F9/318,G06F9/38
(31) Priority Document No :1013528.3
(32) Priority Date :12/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051090
Filing Date :13/06/2011
(87) International Publication No :WO 2012/020237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARM LIMITED
Address of Applicant :110 Fulbourn Road Cherry Hinton Cambridge CB1 9NJ U.K.
(72)**Name of Inventor :**
1)GRISENTHWAITE Richard Roy

(57) Abstract :
A data processing system (2) includes a stack pointer register (26 28 30 32) storing a stack pointer value for use in stack access operations to a stack data store (44 46 48 50). Stack alignment checking circuitry (36) which is selectively disabled may be provided to check memory address alignment of the stack pointer value associated with a stack memory access. The action of the stack alignment checking circuitry (36) is independent of any further other alignment checking performed in respect of all memory accesses. Thus general alignment checking circuitry (38) may be provided and independently selectively disabled in respect of any memory access.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.796/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BATTERY POWER MANAGEMENT FOR A MOBILE DEVICE

(51) International classification :G06F1/32
(31) Priority Document No :12/860213
(32) Priority Date :20/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048505
Filing Date :19/08/2011
(87) International Publication No :WO 2012/024641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHEN Liren
2)TAYLOR Kirk S.
3)STEENSTRA Jack B.

(57) Abstract :
Techniques for managing battery power of a mobile device are described. In an aspect battery power may be reserved for an application prior to execution of the application on the mobile device. The reservation may ensure that the application has sufficient battery power for execution. In another aspect battery power may be allocated to applications based on their priorities. The applications may be ordered based on their priorities and the available battery power for the mobile device may be allocated to one application at a time starting with the highest priority application. In yet another aspect battery power may be allocated to applications based on a battery discharge curve for the mobile device. An operating point on the battery discharge curve may be selected based on at least one objective. The available battery power may be determined based on the selected operating point and allocated to the applications.

No. of Pages : 36 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.837/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR MEASURING GLYCATED HEMOGLOBIN

(51) International classification :C12Q1/26,C12Q1/28,C12Q1/37
(31) Priority Document No :2010-180562
(32) Priority Date :11/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068103
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020744 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MURAKAMI Tomomi
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3)OHSUGI Yu
4)YODA Ayako
5)TSUNODA Haruki
6)MATSUSHITA Masashi

(57) Abstract :
Disclosed is a method for measuring glycated hemoglobin in a hemoglobin containing sample. Said method in which the hemoglobin containing sample is acted upon by a protease in the presence of a surfactant and then acted upon by a fructosyl peptide oxidase is characterized in that the latter reaction is performed in the presence of an isothiazolinone derivative and the generated hydrogen peroxide is measured. This makes it possible to accurately measure glycated hemoglobin in a hemoglobin containing sample with high sensitivity without being affected by the hemoglobin.

No. of Pages : 81 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.882/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BLOOD SAMPLE COLLECTION

(51) International classification :A61B5/151
(31) Priority Document No :10168960.2
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061542
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RICHTER Frank
2)MACARTHUR Ross

(57) Abstract :
Apparatus comprises: a housing the housing having an aperture (105); a shaft (204); and plural blood sample collection members (208 209 210) supported on the shaft. The apparatus is constructed such that different ones of the plural blood sample collection members are able to be presented at the aperture in turn. Each of the blood sample collection members may be independently rotatable about the shaft.

No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1098/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NANOPARTICLES FOR ENCAPSULATION OF COMPOUNDS THE PRODUCTION AND USES THEREOF

(51) International classification :A23L1/00,A61K8/64
(31) Priority Document No :P201031095
(32) Priority Date :16/07/2010
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2011/070518
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GONZ□LEZ FERRERO Carolina
4)GONZ□LEZ NAVARRO Carlos Javier
5)IRACHE GARRETA Juan Manuel
6)ROMO HUALDE Ana

(57) Abstract :
The nanoparticles comprise a zein matrix and a basic amino acid. Said nanoparticles may encapsulate a water soluble or liposoluble biologically active compound. The invention applies to the food pharmaceutical and cosmetics sectors and to nanotechnology.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013
(21) Application No.1222/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ALGA IN WHICH PRODUCTION OF PHOTOSYNTHETIC PRODUCTS IS IMPROVED AND USE FOR SAID ALGA

(51) International classification :C12N1/13,C12N1/12,C12N15/09
(31) Priority Document No :2010-194210
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069501
Filing Date :29/08/2011
(87) International Publication No :WO 2012/029727
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NISHIKAWA Masanobu

(57) Abstract :
Provided are an alga in which the production of photosynthetic products is improved and the use for said alga. The alga of the present invention has an increased glutathione concentration in the chloroplast. Moreover the biomass production method of the present invention produces biomass by using the alga of the present invention or alga produced by means of the alga production method of the present invention.

No. of Pages : 107 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.457/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM AND METHOD FOR INCREASING THE ENERGY OUTPUT OF A SOLAR POWER INSTALLATION USING HYDRO ENERGY

(51) International classification :F24J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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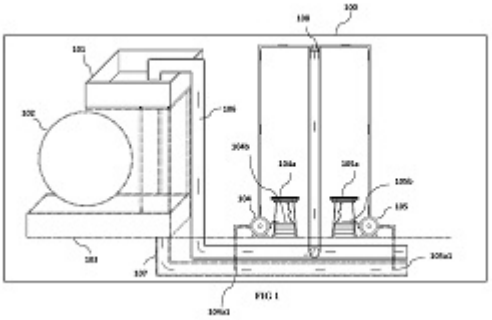
(72)**Name of Inventor :**
1)Venkatraju Pugalur Ramachandran

(57) Abstract :
The present invention relates to a system and method for increasing the energy output of a solar power installation using hydro energy that yields two to three times more electricity when compared to the conventional systems by converting the generated electricity from solar panels to some mechanical means for regeneration and then transferring it to the electronic and electrical applications for consumption.



No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.801/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING AND/OR MONITORING RACING VEHICLES ON A RACETRACK

(51) International classification	:G07C1/22,A63H18/00,A63H17/385
(31) Priority Document No	:10008439.1
(32) Priority Date	:12/08/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/003695 :22/07/2011
(87) International Publication No	:WO 2012/019699
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PLATZER Peter

(57) Abstract :
The present invention relates to a method and a device for controlling and/or monitoring a plurality of racing vehicles on a racetrack which are controlled by participants in a race wherein each racing vehicle is respectively provided with one vehicle memory in which vehicle data which are read out from a receiving/reading device assigned to the racetrack are stored and are stored in a database. According to the invention each participant in the race is provided with a participant memory which is separate from the vehicle memory and in which participant data in particular identification data such as a driver s identifier are stored said participant data being read out from a receiving/reading device and stored in the database in which the vehicle data are also stored and/or are stored in a further database and wherein the vehicle data and participant data which are stored in the database or databases are assigned to one another using assignment means and wherein vehicle data and participant data are read out again and the assignment of the vehicle data which are read out again with the participant data which are read out again is compared with the assignment which was previously assigned by the assignment means.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013
(21) Application No.913/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOMEASUREMENT DEVICE BIOMEASUREMENT METHOD CONTROL PROGRAM FOR A BIOMEASUREMENT DEVICE AND RECORDING MEDIUM WITH SAID CONTROL PROGRAM RECORDED THEREON

(51) International classification :A61B5/00,G06Q50/00
(31) Priority Document No :2010167054
(32) Priority Date :26/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066054
Filing Date :14/07/2011
(87) International Publication No :WO 2012/014691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMAMOTO Yoshiro
2)MATSUOKA Norihiro
3)AZUMA Shinichiro
4)KAWATA Tomohisa

(57) Abstract :
Disclosed is an analysis device (1) characterized by the provision of an index computation unit (23) and a measurement method memory unit (31). The index computation unit (23) uses one or more parameters including a biological parameter obtained on the basis of biosignal information to derive measurement result information indicating the condition of an organism. The measurement method memory unit (31) stores the following in association with each other: measurement items that the analysis device in question is capable of measuring; and parameter specification information that specifies parameters used in measurement. The analysis device is further characterized in that the index computation unit (23) uses the parameter(s) specified in the parameter specification information for a measurement item in order to derive measurement result information for said measurement item.

No. of Pages : 365 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.1007/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROTECTIVE HELMET IN PARTICULAR FOR FORESTRY WORKERS

(51) International classification :A42B3/14,A42B3/16
(31) Priority Document No :10 2010 027 012.1
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061879
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PFANNER SCHUTZBEKLEIDUNG GMBH
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(72)**Name of Inventor :**
1)PFANNER Anton
2)GREBER Martin

(57) Abstract :
A protective helmet is described with a helmet shell (36) and with an interior fitting subassembly (40) which comprises at least one supporting cage (42) a head band (44) and a neck band (46). Three supporting arms (54 55 56) serve to fasten the subassembly (40) to the helmet shell (36) with a spacing. A clearance (60) is thus provided between the interior fitting subassembly (40) and the helmet shell (36) for receiving ear protection capsules (35a 35b) and supporting straps (37a 37b) of ear defenders (34) and of another helmet accessory. When not in use the ear defenders (34) can be pivoted under the helmet shell (36). The protective helmet (30) therefore does not provide any engagement possibilities whatsoever for obstacles such as branches and the like. The supporting arms (54 55 56) partially conduct a force acting on the helmet (30) from above back into the helmet shell (36) in order to elastically deform the latter. The helmet (30) therefore has improved shock absorption capability.

No. of Pages : 53 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1094/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MEMORY ACCESS CONTROL

(51) International classification :G06F21/00
(31) Priority Document No :1013466.6
(32) Priority Date :11/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051089
Filing Date :13/06/2011
(87) International Publication No :WO 2012/020236
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GRISENTHWAITE Richard Roy

(57) Abstract :
A data processing system (2) including processing circuitry (4) operating in either a first mode or a second mode. Page table data (30) including access control bits (40 42) is used to control permissions for memory access to memory pages. In the first mode the access control bits include at least one instance of a redundant encoding. In the second mode the redundant encoding is removed to provide more efficient use of the access control bit encoding space.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.1220/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IRON AIR RECHARGEABLE BATTERY

(51) International classification :H01M12/06
(31) Priority Document No :61/366696
(32) Priority Date :22/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045030
Filing Date :22/07/2011
(87) International Publication No :WO 2012/012731
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NARAYAN Sri R.
2)PRAKASH G. K. Surya
3)KINDLER Andrew

(57) Abstract :
Embodiments include an iron air rechargeable battery having a composite electrode including an iron electrode and a hydrogen electrode integrated therewith. An air electrode is spaced from the iron electrode and an electrolyte is provided in contact with the air electrode and the iron electrodes. Various additives and catalysts are disclosed with respect to the iron electrode air electrode and electrolyte for increasing battery efficiency and cycle life.

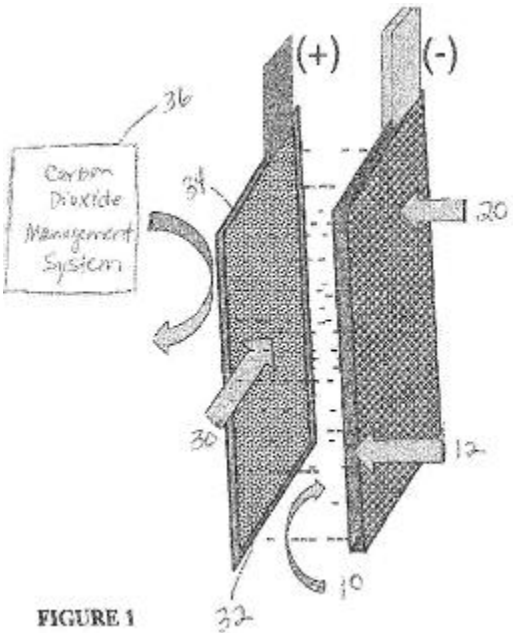

FIGURE 1

No. of Pages : 20 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.790/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREDICTION OF HCV VIRAL KINETICS IN INTERFERON FREE TREATMENT

(51) International classification :C12Q1/68,A61K31/7052
(31) Priority Document No :61/370903
(32) Priority Date :05/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063327
Filing Date :03/08/2011
(87) International Publication No :WO 2012/016995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland
(72)**Name of Inventor :**
1)CHU Tom
2)LOPATIN Uri
3)SHULMAN Nancy

(57) Abstract :
The present invention is based on the discovery of associations that exist between single nucleotide polymorphisms (SNPs) on chromosome 19 in the vicinity of the IL28B gene and virological outcomes in a diverse population of patients with hepatitis C virus (HCV) who received interferon free treatment.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.921/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLOCCULENT ADDITION AND MIXING RATE FOR SEPARATING A SLURRY

(51) International classification :B01D21/01,B01D21/08,B01F5/10
(31) Priority Document No :2010903056
(32) Priority Date :09/07/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/CA2011/000785
Filing Date :07/07/2011
(87) International Publication No :WO 2012/003578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1188 Sherbrooke Street West Montral Qubec H3A 3G2 Canada
(72)**Name of Inventor :**
1)BOUCHARD Nicolas Alexandre
2)PELOQUIN Guy
3)DUFOUR Renald

(57) Abstract :
The invention concerns a method for separating solid and liquor components of a process slurry comprising solid material entrained in a liquor said method comprising: (a) a pre treatment step of adding a flocculent to the process slurry and mixing the flocculent and the slurry by selecting a higher extent of mixing in an early stage of said step than in a later stage of said step and (b) a solid/liquor separation step of allowing separation of solid material including aggregates of solid material and liquor of said process slurry to produce process outputs of a clarified liquor and solid material with some entrained liquor. The invention also concernes a method and an apparatus for adding a flocculent to a process slurry.

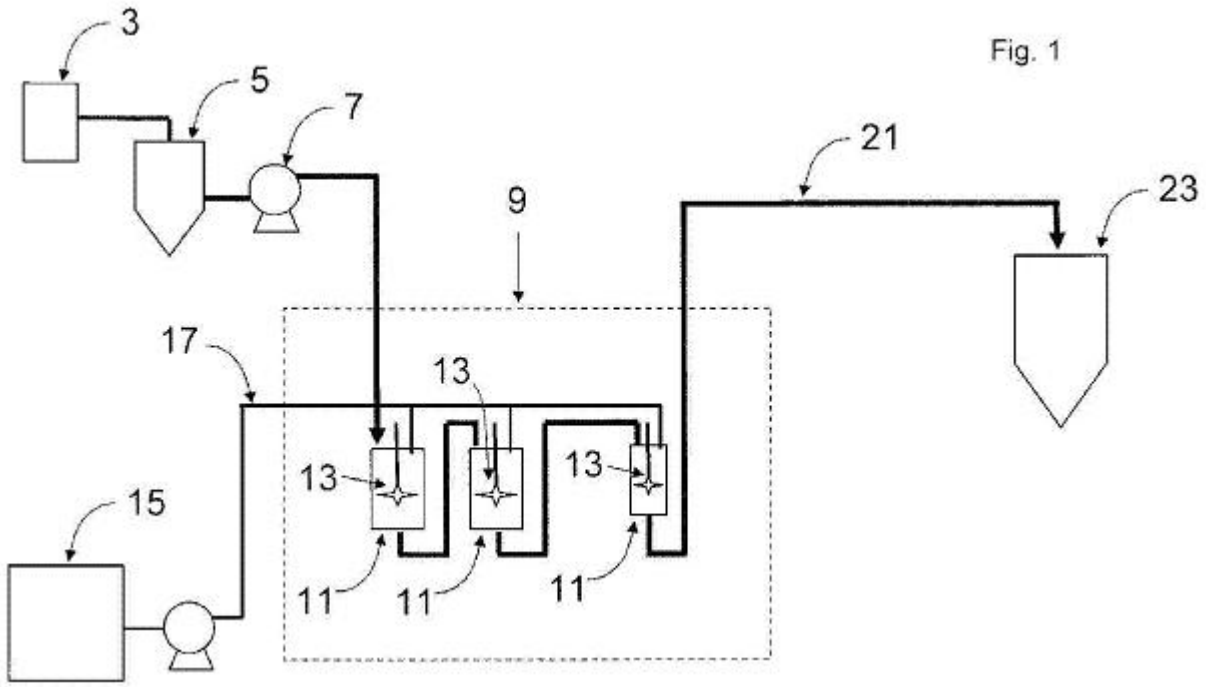

Fig. 1

No. of Pages : 19 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.1059/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR THE COMPENSATION OF STEERING WHEEL ROTARY OSCILLATIONS IN A STEERING SYSTEM

(51) International classification :B62D5/04
(31) Priority Document No :10 2010 031 211.8
(32) Priority Date :12/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061471
Filing Date :07/07/2011
(87) International Publication No :WO 2012/007338
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Richard Bullinger Strae 77 73527 Schwbisch Gm¼nd Germany
(72)**Name of Inventor :**
1)GRNER Stefan
2)NIEROBISCH Thomas

(57) Abstract :
The invention proposes the regulation of a torque actuator so as to permit an activation of the torque actuator such that occurring steering wheel rotary oscillations can be compensated. For this purpose in one embodiment of the invention a torsion bar torque is detected. A compensation torque is determined as a function of the detected torsion bar torque by means of a variable frequency disturbance variable and state variable calculator. Said compensation torque or a signal corresponding to the compensation torque is then taken into consideration during an activation of the torque actuator.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.530/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : M-NEUSTAR NEURAL NETWORK BASED HANDWRITTEN CHARACTER RECOGNITION AND TRANSLATATION FOR LANGUAGE DEDUCTION

(51) International classification :G06K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Magesh Kasthuri
Address of Applicant :8B Brindavan Street Little Kanchipuram Kanchipuram-1 Tamilnadu India Tamil Nadu India
(72)**Name of Inventor :**
1)Magesh Kasthuri

(57) Abstract :
, I would like to bring the interaction and support of research area on Handwritten character recognition using Neural networks, Bayesian Network and Genetic algorithms from the computational field of Soft computing. It is very important to understand these topics from Soft computing base as they are not only complex in nature but there is no concrete solution or algorithm in solving various problems around the topic of Handwritten character recognition.

No. of Pages : 4 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.791/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRODUCTION OF TUMOR CELLS FROM NORMAL MAMMARY EPITHELIAL CELLS

(51) International classification	:C12N15/00,A01K67/027,C12N5/09
(31) Priority Document No	:2010154744
(32) Priority Date	:07/07/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/066029 :07/07/2011
(87) International Publication No	:WO 2012/005383
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)EISAI R&D MANAGEMENT CO. LTD.
Address of Applicant :6 10 Koishikawa 4 chome Bunkyo ku Tokyo 1128088 Japan
(72)**Name of Inventor :**
1)AKAGI Tsuyoshi
2)SUKEZANE Taiko

(57) Abstract :
The purpose of the present invention is to provide a method for producing tumor cells without using hTERT on cells derived from normal cells. The present invention provides a method for producing tumor cells by carrying out the following processes on normal mammary epithelial cells: (1) p53 loss of function and (2) introduction of v Src gene.

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.829/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : (2 ARYLOXY ACETYLAMINO) PHENYL PROPIONIC ACID DERIVATIVES METHOD FOR PRODUCING SAME AND USE THEREOF AS PHARMACEUTICALS

(51) International classification	:C07C235/24,C07C255/44,A61K31/196
(31) Priority Document No	:10305733.7
(32) Priority Date	:05/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/061335 :05/07/2011
(87) International Publication No	:WO 2012/004269 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)KEIL Stefanie
3)DIETRICH Viktoria
4)STENGELIN Siegfried
5)HERLING Andreas
6)HASCHKE Guido
7)KLABUNDE Thomas

(57) Abstract :
The invention relates to substituted (2 aryloxy acetylamino) phenyl proprionic acid derivatives of formula I and the physiologically tolerable salts thereof. The compounds are suitable for example for treating diabetes because they effect increased insulin release by activating the GPR40 receptor.

No. of Pages : 129 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.872/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CHEWING GUM CONTAINING A CROSS LINKED GELATIN MATRIX GUM BASE

(51) International classification :A61K9/68
(31) Priority Document No :61/362473
(32) Priority Date :08/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042642
Filing Date :30/06/2011
(87) International Publication No :WO 2012/006218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MO Xiaoqun
2)LIU Jingping
3)TIAN Minmin
4)HASSLER Julie
5)GREENBERG Michael J.

(57) Abstract :
A chewing gum product containing a cross linked gelatin matrix gum base and a bulking agent of erythritol mannitol or mixtures thereof. The cross linked gelatin matrix can make up all or a portion of the gum base and still be comparable to that of a traditional elastomeric chewing gum product in its elasticity cohesiveness and feel in the mouth. The chewing gum of the present invention is also more environmentally friendly because it can be digestible and partially replace the need for petroleum derived elastomers.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.920/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONDUIT FITTING WITH FLEXIBLE TORQUE COLLAR

(51) International classification :F16L33/22
(31) Priority Document No :61/362966
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043158
Filing Date :07/07/2011
(87) International Publication No :WO 2012/006405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :29500 Solon Road Solon OHIO 44139 U.S.A.
(72)**Name of Inventor :**
1)RUBINSKI Jeffrey Michael
2)BROWN Cal R.
3)WILLIAMS Peter C.

(57) Abstract :
A conduit fitting of the type having first and second threaded fitting components and at least one conduit gripping device further includes a stroke limiting member that allows the fitting to be pulled up by applying a predetermined torque. In one embodiment the stroke limiting member may realized as an integral or integrated load bearing member that functions as a torque collar and deflects under load. The disclosure also presents a gauging structure and method for fittings that can be pulled up by turns by torque or both.

No. of Pages : 68 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1250/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : INSECTICIDAL TRIAZINES AND PYRIMIDINES

(51) International classification :C07D239/48,C07D251/22,C07D401/12
(31) Priority Document No :61/365924
(32) Priority Date :20/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044675
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KENNEDY Robert M.
2)STEINBAUGH Bruce A.

(57) Abstract :
The present invention describes novel triazines their related pyrimidines and their use in controlling insects. This invention also includes new synthetic procedures intermediates for preparing the compounds pesticide compositions containing the compounds and methods of controlling insects using the compounds.

No. of Pages : 108 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013
(21) Application No.462/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A NOTEBOOK COMPUTER WITH TWO DISPLAY SCREENS

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Unit 2508A 25/F, Bank of America Tower 12 Harcourt RD Central HongKong Hongkong(China)
(72)**Name of Inventor :**
1)Franco Garcia Roberto

(57) Abstract :
The present utility model disclose a notebook computer with two display screens, comprising: a main body with a keyboard on it, and a main display screen attached to an edge of the main body, further comprising: a secondary display screen configured on the back of the main display screen and controlled by the main body. The present utility model can solve the problems of the notebook computer in the art that can be operated by only single user. It can be operated by two users simultaneously, and they can do different operation face to face. The present utility model has a number of advantages such as: more humanization, more convenience, and matching the different needs of different users.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013
(21) Application No.661/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND SYSTEM FOR STREAMING AND/OR PLAYING AUDIO CONTENT

(51) International classification :A63F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ANIL SRIVATSA

(57) Abstract :
ABSTRACT The embodiments of the present invention provide a method and system for streaming and playing multimedia content. The repository comprises multimedia contents such as audio, video, animations, images and textual contents. The method for streaming and playing multimedia content comprises steps of: routing the mobile communication device and configuring the pre-set functionalities to gain a full control on an operating system pre-installed or existing in the mobile communication device, installing an application in the mobile communication device for restricting a user activity, configuring a required setting for the installed application over the air, logging in to an online server and starting download of multimedia content along with a playlist, playing the streamed or downloaded multimedia content via an multimedia output through online or offline play modes and sending a short messaging service based commands to control, administer and troubleshoot the mobile communication device remotely.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.827/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPIROCYCLICALLY SUBSTITUTED 1 3 PROPANE DIOXIDE DERIVATIVES METHODS FOR THE PRODUCTION THEREOF AND USE OF THE SAME AS MEDICAMENT

(51) International classification	:C07C59/72,C07C255/54,C07D213/64
(31) Priority Document No	:10305734.5
(32) Priority Date	:05/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/061336 :05/07/2011
(87) International Publication No	:WO 2012/004270 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)DEFOSSA Elisabeth
3)DIETRICH Viktoria
4)STENGELIN Siegfried
5)HERLING Andreas
6)HASCHKE Guido
7)KLABUNDE Thomas

(57) Abstract :
The invention relates to spirocyclically substituted 1 3 propane dioxide derivatives and to their physiologically compatible salts. The invention relates to compounds of formula (I) in which R1 R2 R3 R4 R5 R6 R7 R8 A and X have the given meanings and to their physiologically compatible salts. The compounds are suitable for for example the treatment of diabetes.

No. of Pages : 127 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013
(21) Application No.934/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSMISSION POWER CONTROL IN A MULTI CARRIER WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W52/44,H04W52/42,H04W52/48
(31) Priority Document No :10360033.4
(32) Priority Date :09/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003868
Filing Date :02/08/2011
(87) International Publication No :WO 2012/016680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WONG Shin Horng

(57) Abstract :
A method of evaluating transmission power for transmission of a message between a first network node and a second network node in a multicarrier wireless communications system in which a predetermined set of a plurality of carriers are utilised to support communication between said first network node and said second network node said predetermined set of said plurality of carriers comprising a primary carrier and at least one secondary carrier. The method comprises the steps of: determining an initial indication of appropriate power setting to enable a message to be transmitted between said first and second network nodes on said primary carrier; determining that there is a message to be sent between said first and second network node at a transmission time after receipt of said initial indication; and evaluating based on said initial indication an appropriate power setting to enable a message to be transmitted between said first and second network nodes on said primary carrier at said transmission time. Accordingly a network node may be operable to evaluate an estimation of required transmission power to ensure a message reaches a second network node even without frequent updates of usually received power control messages.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.1081/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IV PUMP AND CASSETTE SYSTEM

(51) International classification :A61M5/142,A61M5/168,A61M39/22
(31) Priority Document No :12/869612
(32) Priority Date :26/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048685
Filing Date :22/08/2011
(87) International Publication No :WO 2012/027296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ABAL Daniel

(57) Abstract :
A cassette is disclosed that comprises an interface element having a first position and a second position the interface element configured to be driven from the first position to the second position and back to the first position by unidirectional rotary motion of a driving element and a first and a second pumping chamber each having a volume and each coupled to the interface element such that the volume of the first pumping chamber is increasing while the volume of the second pumping chamber is decreasing as the interface element moves from the first position to the second position and the volume of the first pumping chamber is decreasing while the volume of the second pumping chamber is increasing as the interface element moves from the second position to the first position.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013
(21) Application No.467/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DATABASE PERFORMANCE ANALYSIS

(51) International classification :G06F
(31) Priority Document No :12425069.7
(32) Priority Date :04/04/2012
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Domenico Antonio GIUSTRA
2)Benedetto SECCO
3)Francesco FERRIGNO
4)Marina PAPILI
5)Nico VASSALLO

(57) Abstract :
A computer-implemented method, a computer program product and a system are provided. The method relates to calculating a duration of an action, wherein the action comprises at least one database operation, wherein the action is one of multiple actions carried out in order to process a request, wherein processing the request includes executing multiple applications, each application having a corresponding application database, wherein the execution of one of the applications includes performing the action on the corresponding application database and storing duration information for the action. The method comprises determining a primary order identifier of the action. Also, the method further comprises querying the stored duration information. The querying comprises specifying a proper subset of attributes of one or more relations, the relations including at least one table, each relation including a plurality of rows. The attributes describe the primary order identifier. The attributes further describing a subset of the duration information including a start time of the action. The querying further comprises specifying conditions that must be met by at least one row of the relations, wherein at least one condition includes attributes of multiple relations. The querying further comprises retrieving, according to the conditions, the specified attributes of the at least one row of the relations. The querying further comprises calculating a duration of the action based on the start time of the action.

No. of Pages : 68 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.932/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A NOZZLE BOOT ARRANGEMENT A NOZZLE BOOT MODULE A FUEL DISPENSING UNIT AND A METHOD OF MANUFACTURING SUCH A NOZZLE BOOT ARRANGEMENT

(51) International classification :B67D7/06,B67D7/84
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/059924
Filing Date :09/07/2010
(87) International Publication No :WO 2012/003886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LARSSON Bengt I.
2)HELGESSON Hanna

(57) Abstract :
According to an aspect of the inventive concept there is provided a nozzle boot arrangement for supporting a nozzle of a fuel dispensing unit the nozzle comprising a spout and a base portion including a grip the arrangement comprising: a nozzle boot including means for supporting the nozzle at the base portion thereof and a section for receiving at least a portion of the spout and a stopper provided at said receiving section and formed separately from said nozzle boot wherein the stopper is arranged to cooperate with the spout to prevent the nozzle from failing out from the nozzle boot arrangement by rotation of the nozzle about said supporting means. According to further aspects there is provided a fuel dispensing unit a nozzle boot module and method of manufacturing a nozzle boot arrangement.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1251/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTILAYER POLYPROPYLENE/POLYETHYLENE FILM WITH IMPROVED ADHESION

(51) International classification :B32B27/32
(31) Priority Document No :EP10382232
(32) Priority Date :16/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/047912
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NIETO Jesus
2)PEREZ Mario

(57) Abstract :
The present invention relates to a multilayer structure comprising at least a first layer which predominantly comprises polypropylene and at least a second layer which is adjacent to the first layer and which predominantly comprises polyethylene having a density less than 0.935 g/cm3 the multilayer structure being characterized by having improved adhesion between the first and second layers. The improved adhesion is obtained by incorporating at least 5% by weight of a polyethylene resin having a density of 0.940 g/cm3 or greater into the first layer the second layer or both layers.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1252/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TERMINAL STRUCTURE OF SHIELDED CABLE AND TERMINAL PROCESSING METHOD

(51) International classification	:H01R13/648,B60R16/02,H01B7/00
(31) Priority Document No	:2010184782
(32) Priority Date	:20/08/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/067344 :28/07/2011
(87) International Publication No	:WO 2012/023403
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)TERASAKA Yutaka

(57) Abstract :
An objective of the present invention is to prevent unintended unraveling of a shielded conductor that is wound in a spiral shape such as a braided wire. In a shielded cable (1) in which a braided wire (3) is wound in a spiral shape around the exterior of wires (2) and an insulating coating (4) sheathes the exterior of the braided wire (3) the leading edge part (5) of the braided wire (3) is linearly positioned in the wire axis direction along the inner face (4b) of the insulating coating and the leading edge part (5) and edge parts (6 7) of both sides of the braided wire (3) in the width direction thereof are crossed at an angle. The leading end portion (4a) of the insulating sheath (4) is peeled back exposing the leading end braid portion (3a) of the braided wire (3) and at least a cross part (8) where the edge part (6) of one side in the width direction that is opposite to the end parts (2a) of the wires (2) crosses the leading edge part (5) forming an obtuse angle is brought into contact with the interior face (4b) of the insulating sheath (4).

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.834/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR PRESERVING AQUEOUS SOLUTION CONTAINING LEUCO CHROMOGEN

(51) International classification :C09B67/00,C09B67/44
(31) Priority Document No :2010-180564
(32) Priority Date :11/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068105
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020746 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SOYA Haruyo
2)MURAKAMI Tomomi
3)TSUNODA Haruki
4)OHSUGI Yu
5)YODA Ayako
6)MATSUSHITA Masashi

(57) Abstract :
It is to provide a method for preserving an aqueous solution comprising a leuco chromogen, comprising adding at least one compound selected from the group consisting of polyoxyethylene alkylamine and polyoxyethylene alkenylamine to the aqueous solution containing a leuco chromogen, and a method for stabilizing a leuco chromogen, comprising allowing the leuco chromogen to coexist in an aqueous solution comprising at least one compound selected from the group consisting of polyoxyethylene alkylamine and polyoxyethylene alkenylamine. The present invention provides a method for preserving an aqueous solution comprising a leuco chromogen for stably preserving the leuco chromogen in an aqueous solution and a method for stabilizing a leuco chromogen.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.949/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATIONS OF HEPATITIS C VIRUS INHIBITORS

(51) International classification :A61K9/00
(31) Priority Document No :61/371399
(32) Priority Date :06/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046285
Filing Date :02/08/2011
(87) International Publication No :WO 2012/018829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Bristol-Myers Squibb Holdings Ireland
Address of Applicant :a corporation organized under the laws of the State of Ireland, of Hinterbergstrasse 16, 6312 Steinhausen, Switzerland, U.S.A.
(72)**Name of Inventor :**
1)GAO Min
2)GARDINER David F.
3)LEMM Julie A.
4)MCPHEE Fiona
5)VOSS Stacey A.

(57) Abstract :
The present disclosure is generally directed to antiviral compounds and more specifically directed to combinations of compounds which can inhibit Hepatitis C virus (HCV) compositions comprising such compounds and methods for treating hepatitis C using such combinations. To achieve maximal efficacy and to potentially eradicate the virus it will be critical to utilize combination therapies especially those targeting distinct HCV viral targets. In vitro replicon based combination studies have shown that additive to synergistic effects can be achieved with various combinations of HCV inhibitors.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1095/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SECURING A MOBILE COMPUTING DEVICE

(51) International classification :H04M1/67,H04M1/725,G06F21/00
(31) Priority Document No :12/835576
(32) Priority Date :13/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043715
Filing Date :12/07/2011
(87) International Publication No :WO 2012/009361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OLSEN Eric K.
2)PELLY Nicholas J.

(57) Abstract :
In general this disclosure describes techniques for unlocking certain functionality of a mobile computing device upon wirelessly detecting that an external device is in relatively close proximity to the mobile computing device. One example method comprises: providing a phone application and a second different application; initiating a first mode of operation when the mobile computing device becomes locked; prohibiting user access to the second application during the first mode of operation when the mobile computing device fails to wirelessly detect a presence of an external device; and initiating a second mode of operation when the mobile computing device wirelessly detects the presence of the external device and when the mobile computing device has received user input specifying an access password wherein the mobile computing device allows complete user access to both the phone application and the second application during the second mode of operation.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1096/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STABILIZED FORMULATIONS CONTAINING ANTI NGF ANTIBODIES

(51) International classification :A61K39/395,C07K16/22
(31) Priority Document No :61/364112
(32) Priority Date :14/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043511
Filing Date :11/07/2011
(87) International Publication No :WO 2012/009254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WALSH Scott
2)POTOCKY Terra
3)DIX Daniel
4)SIVENDRAN Renuka

(57) Abstract :
The present invention provides pharmaceutical formulations comprising a human antibody that specifically binds to human nerve growth factor (hNGF). The formulations may contain in addition to an anti hNGF antibody at least one non ionic surfactant at least one sugar and acetate. The pharmaceutical formulations of the present invention exhibit a substantial degree of antibody stability after storage for several months.

No. of Pages : 53 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.816/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COSMETIC PREPARATIONS

(51) International classification :C07C43/04,A61K8/33,A61Q1/00
(31) Priority Document No :EP10172065
(32) Priority Date :05/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003670
Filing Date :22/07/2011
(87) International Publication No :WO 2012/016642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BECKEDAHL Burkhard
2)DIERKER Markus
3)KAWA Rolf
4)BRNING Stefan

(57) Abstract :
1212The invention relates to compounds of the general formula (I) where R is a branched alkyl(ene) radical having from 10 to 22 carbon atoms and having at least one branch in position 1 2 3 or 4 relative to the oxygen atom R is a linear or branched alkyl(ene) radical having from 1 to 13 carbon atoms and R and R are selected so that the total number of carbon atoms in formula (I) is from 11 to 23. The compounds of the invention are suitable for preparation of or in cosmetic and/or pharmaceutical preparations in particular as oily substances.

No. of Pages : 78 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.954/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONNECTOR FOR PLANAR CABLES

(51) International classification :H01R12/77,H01R13/52
(31) Priority Document No :2010-179339
(32) Priority Date :10/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067856
Filing Date :04/08/2011
(87) International Publication No :WO 2012/020690 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MIURA Kazunori
2)OHYAMA Kouichi
3)SUZUKI Takatoshi

(57) Abstract :
The present invention provides a connector for planar cables which can reliably electrically connect a planar cable conductor and a mating terminal. The connector (1) for planar cables comprises: a planar cable (3) provided with a plurality of conductors; a connector housing (5) with an insertion port (31) where the planar cable (3) is inserted disposed on one side; and a fork shaped mating terminal (7) that is inserted from the thickness direction of the planar cable (3) and electrically connected to a conductor. A slider (11) comprising resin that covers one surface in the conductor thickness direction is disposed on the planar cable (3); a housing (33) that restricts movement in the insertion direction towards the connector housing (5) houses the slider (11) and communicates with the insertion port (31) is disposed in the connector housing (5); and an end section on the other side from the connector housing (5) for the slider (11) protrudes towards the outside of the connector housing (5) from the housing (33) is inserted into the mating terminal (7) and electrically connects the planar cable (3) conductors and the mating terminal (7).

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1119/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIDEO ENCODING METHOD VIDEO DECODING METHOD VIDEO ENCODING APPARATUS VIDEO DECODING APPARATUS AND VIDEO ENCODING/DECODING APPARATUS

(51) International classification	:H04N7/26
(31) Priority Document No	:61/513,141
(32) Priority Date	:29/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2012/004538
Filing Date	:13/07/2012
(87) International Publication No	:WO 2013/018296
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
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2)NISHI Takahiro
3)SHIBAHARA Youji
4)SUGIO Toshiyasu
5)TANIKAWA Kyoko
6)MATSUNOBU Toru

(57) Abstract :
A video encoding method comprises: a conversion/quantization step that further comprises processing to convert a video signal of a space domain into a coefficient of a frequency domain for each of second processing units one or more of which is contained in a first processing unit and processing to quantize the coefficient of the frequency domain; and an arithmetic encoding step (S704) for arithmetically encoding a brightness CBF flag which indicates whether a quantization coefficient is contained within the second processing unit upon which the conversion/quantization step was executed. In the arithmetic encoding step a probability table to be used in the arithmetic encoding is determined (S702 S703) in accordance with whether the sizes of the first and second processing units are the same and whether the size of the second processing unit is a prescribed maximum size (S701).

No. of Pages : 101 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013
(21) Application No.1185/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LOAD BALANCING SCHEME IN MULTIPLE CHANNEL DRAM SYSTEMS

(51) International classification :G06F13/16
(31) Priority Document No :12/872282
(32) Priority Date :31/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050015
Filing Date :31/08/2011
(87) International Publication No :WO 2012/030992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GU Shiqun
3)KIM Jonghae
4)NOWAK Matthew Michael

(57) Abstract :
A load balancing in a multiple DRAM system comprises interleaving memory data across two or more memory channels. Access to the memory channels is controlled by memory controllers. Bus masters are coupled to the memory controllers via an interconnect system and memory requests are transmitted from the bus masters to the memory controller. If congestion is detected in a memory channel congestion signals are generated and transmitted to the bus masters. Memory requests are accordingly withdrawn or rerouted to less congested memory channels based on the congestion signals.

No. of Pages : 20 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1248/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LIPIDATED IMMUNE RESPONSE MODIFIER COMPOUND COMPOSITIONS FORMULATIONS AND METHODS

(51) International classification	:C07D471/04,A61K39/00,A61P35/00
(31) Priority Document No	:61/374512
(32) Priority Date	:17/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/047901 :16/08/2011
(87) International Publication No	:WO 2012/024284
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)WIGHTMAN Paul D.

(57) Abstract :
HcThe compound N (4 {[4 amino 2 butyl 1 imidazo[4 5]quinolin 1 yl]oxy}butyl)octadecanamide is a useful drug compound for enhancing immune response and can be used for example as a vaccine adjuvant and a cancer treatment.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.933/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ENGINE STARTING DEVICE FOR VEHICLE

(51) International classification :B60K6/36,B60K6/48,B60K6/547
(31) Priority Document No :2010190379
(32) Priority Date :27/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063146
Filing Date :08/06/2011
(87) International Publication No :WO 2012/026181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)IIZUKA Kohei

(57) Abstract :
Since a drive starter gear (33) provided in an output shaft (12) of a transmission (T) and a driven starter gear (37) of a crankshaft (30) of an engine (E) are engaged it becomes possible not only to start the engine (E) by cranking the crankshaft (30) by drive force transmitted from a drive wheel (W) without requiring a starter motor but also to prevent the drag of the transmission (T) because the drive force is not transmitted to the crankshaft (30) via the transmission (T). Since the gear ratio between the drive starter gear (33) and the driven starter gear (37) is set such that when the vehicle speed reaches a predetermined vehicle speed at which the engine (E) is started the rotation frequency of the crankshaft (30) becomes a rotation frequency at which the engine (E) can be started the engine (E) can be reliably started by cranking the crankshaft (30) at an optimum speed.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.958/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SUBSTRATE OF THREE LAYER STRUCTURE AND WATER CONTAINING ADHESIVE PATCH INCLUDING SAME

(51) International classification	:A61K9/70,A61K31/167,A61K31/192
(31) Priority Document No	:2010-157988
(32) Priority Date	:12/07/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/065762 :11/07/2011
(87) International Publication No	:WO 2012/008395 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)INAZUKI Masahiro
3)ISHIGURE Miho
4)ISODA Hideo
5)SAKAMOTO Hiroyuki
6)KOIDA Takashi
7)SAKAGUCHI Hiroyasu

(57) Abstract :
Disclosed is a substrate of a three layer structure which is composed of an inner fibrous layer for holding a plaster thereon a film layer having through holes formed therein and an outer fibrous layer which has air permeability and with which the plaster or a liquid component that has oozed out from the plaster is prevented from leaking out. Also disclosed is a water containing adhesive patch obtained using the substrate the adhesive patch being wearable for a long period.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1258/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING A TRYPTOPHAN DERIVATIVE

(51) International classification	:A61K31/405,A61K45/06,A61P27/02
(31) Priority Document No	:10170397.3
(32) Priority Date	:22/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/061356 :06/07/2011
(87) International Publication No	:WO 2012/010415
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)HAUPTMEIER Bernhard
2)KIEHM Kevin
3)PLITT Patrick
4)TARDT Axel
5)SZLAK FREIER Alda
6)STREHL Diana

(57) Abstract :
1182181845Pharmaceutical compositions containing a compound of formula (I) wherein the radicals denote e.g.: R is hydrogen or C C alkyl; R is hydrogen orC C alkyl; R3 is hydrogen or C C alkyl; R is OH; R is hydrogen and a pharmaceutically acceptable cyclodextrin derivative can be used for the preparation of ophthalmic formulations.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.800/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TRANSPARENT ELECTRODE FOR THIN FILM SOLAR CELL SUBSTRATE HAVING TRANSPARENT ELECTRODE FOR THIN FILM SOLAR CELL AND THIN FILM SOLAR CELL USING SAME AND PRODUCTION METHOD FOR TRANSPARENT ELECTRODE FOR THIN FILM SOLAR CELL

(51) International classification :H01L31/04
(31) Priority Document No :2010-169142
(32) Priority Date :28/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063054
Filing Date :07/06/2011
(87) International Publication No :WO 2012/014572 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAWADAYuko
2)FUJIBAYASHITakashi

(57) Abstract :
19 3Disclosed are a transparent electrode which contains a zinc oxide layer wherein initial characteristics and resistance to damp after prolonged use coexist and a thin film solar cell provided with said electrode. The transparent electrode contains a transparent conductive layer comprised primarily of zinc oxide. The following characteristics are preferable in the transparent conductive layer: an uneven surface; a carrier concentration of 9 x 10 cm or less; liquid crystals having a preferred orientation of (110); the ratio I (110)/ I (002) of the (110) peak intensity to the (002) peak intensity using X ray diffraction being at least 50; and (110) oriented liquid crystal elements having a size of 23 50 nm in the planar direction parallel to the substrate and 30 60 nm in the planar direction perpendicular to the substrate.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.911/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATION OF GLYT1 COMPOUND WITH ANTIPSYCHOTICS

(51) International classification :A61K31/495,A61K31/497,A61P25/18
(31) Priority Document No :10172316.1
(32) Priority Date :09/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063533
Filing Date :05/08/2011
(87) International Publication No :WO 2012/019970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MOREAU Jean Luc
3)WETTSTEIN Joseph G.

(57) Abstract :
The present invention relates to a pharmaceutical combination of a glycine transporter inhibitor (GlyT1) and an atypical antipsychotic drug which may be used for the treatment of positive and negative symptoms of schizophrenia.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.935/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONFIDENTIAL OR PROTECTED ACCESS TO A NETWORK OF NODES DISTRIBUTED OVER A COMMUNICATION ARCHITECTURE WITH THE AID OF A TOPOLOGY SERVER

(51) International classification :H04L29/08
(31) Priority Document No :1055576
(32) Priority Date :08/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051483
Filing Date :27/06/2011
(87) International Publication No :WO 2012/004492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RANDRIAMASY Claire Sabine

(57) Abstract :
System for access to an application distributed over a network of nodes deployed on a communication architecture (A) by a client (C) connected to this architecture. It comprises a server (S) having means for providing on the request of the client information about a set of nodes of the network (Np) taking into account the topology of the network within the communication architecture. It furthermore comprises at least one relay device (R) able to receive the information and at least one mediation device (M) suitable for establishing communications between the client (C) and at least some of the nodes of the set which are determined on the basis of the information provided by the relay device or devices (R).

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.989/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ADHESIVE PRODUCTS IN SHEET FORM

(51) International classification :B60N3/04,D06N7/00
(31) Priority Document No :1012088.9
(32) Priority Date :19/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001080
Filing Date :19/07/2011
(87) International Publication No :WO 2012/010830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ERASMUS Duonne

(57) Abstract :
A product generally in sheet form allowing adjustment in positioning on installation and subsequent removal the product comprises: a layer comprising crumb rubber material and having a first side and a second side. Scrim material is bonded to at least one of the first and second sides. A coating of a low grab pressure sensitive adhesive is applied to at least part of the exposed surface of the scrim material. The adhesive is determined to be a low grab adhesive if after 24 hours adhesive binding dwell time a 90° peel adhesion at 300 mm/minute as measured by the FINAT Test Method No: 2 of between 1.77 and 3.96 Newtons/25mm width at room temperature (23°C ± 1°C) and at a relative humidity of 50% ± 5%.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.914/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMMUNICATION DEVICE AND SIGNAL DEGRADATION MONITORING SYSTEM AND METHOD

(51) International classification :H04L29/14,H04L12/56
(31) Priority Document No :2010172476
(32) Priority Date :30/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066694
Filing Date :22/07/2011
(87) International Publication No :WO 2012/014804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SAKURAI Akira

(57) Abstract :
The disclosed communication device is characterized by being provided with: a means for receiving a frame via a connected packet network; a means for transmitting the aforementioned received frame and a self originating frame to the aforementioned packet network; a means for monitoring the flow volume of the aforementioned transmitted frames; a means for causing the transmission cycle of the aforementioned self originating OAM frames to be a predetermined transmission cycle set for normal conditions when the flow volume of the aforementioned frames is at least a predetermined threshold; and a means for indexing a transmission cycle of OAM frames that can compensate for a shortfall in the number of transmitted frames causing said indexed transmission cycle to be the transmission cycle of the aforementioned self originating OAM frames when the flow volume of the aforementioned frames falls below a predetermined threshold.

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.809/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND NETWORK ENTITY FOR REGISTERING A USER ENTITY WITH A COMMUNICATION NETWORK VIA ANOTHER COMMUNICATION NETWORK

(51) International classification :H04L29/06,H04W12/04
(31) Priority Document No :10172594.3
(32) Priority Date :12/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063767
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020051
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KLEIN Andreas

(57) Abstract :
The present invention relates to a network entity (101) for registering a user entity (103) with a first communication network (105) wherein the user entity (103) and the network entity (101) providing access to the first communication network (105) are registered with a second communication network (107). The network entity (101) has a transceiver (109) for transferring at least one registration message for registering said user entity (103) with the first communication network (105) between the user entity (103) and the network entity (101) over the second communication network (107).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.975/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ENANTIOMERIC FORMS OF 2 3 DIAMINOPROPIONIC ACID DERIVATIVES

(51) International classification :C07D213/74,C07D239/42
(31) Priority Document No :10305884.8
(32) Priority Date :12/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063504
Filing Date :05/08/2011
(87) International Publication No :WO 2012/019967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GRAF Claus Dieter
2)RIEKE ZAPP Joerg

(57) Abstract :
The invention relates to a process for the preparation of the enantiomeric forms of 2 3 diaminopropionic acid derivatives of formula (I) wherein R1 R2 and R3 are defined as in the claims by racemate resolution. The separation of the racemate into its enantiomers takes place through formation of diastereomeric salts upon addition of an enantiomerically pure auxiliary and subsequent separation by fractional crystallization.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.917/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PRODUCING OLEFIN OXIDE

(51) International classification :B01J23/00,B01J23/46
(31) Priority Document No :61/362978
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038168
Filing Date :26/05/2011
(87) International Publication No :WO 2012/005822
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SENKAN Selim

(57) Abstract :
A process for producing an olefin oxide which comprises reacting an olefin with oxygen in the presence of a catalyst comprising (a) ruthenium metal or a ruthenium oxide (b) manganese oxide and (c) alkaline metal component or alkaline earth metal component.

No. of Pages : 28 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.940/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : COMBINATIONS OF KINASE INHIBITORS FOR THE TREATMENT OF CANCER

(51) International classification :A61K31/498,A61K31/517,A61K31/63
(31) Priority Document No :61/363074
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043401
Filing Date :08/07/2011
(87) International Publication No :WO 2012/006552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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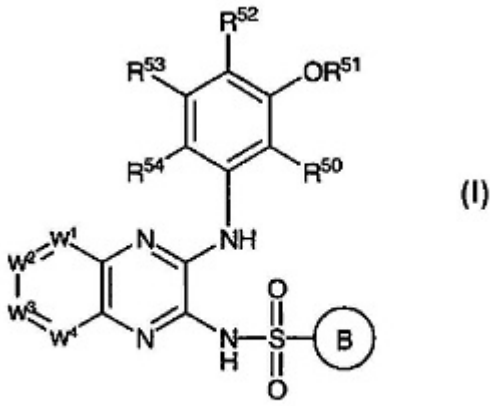
4)CHAKRABARTY Anindita
5)CHIRON BLONDEL Marielle
6)NICOLAZZI Celine
7)RINEHART Cammie
8)VINCENT Loic

(57) Abstract :
The present invention provides methods of treating cancer by administering a compound of formula (I) optionally as a pharmaceutically acceptable salt solvate and/or hydrate thereof in combination with an inhibitor that targets HER2 and/or HER3.



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No. of Pages : 309 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.688/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : AN INTERNAL BOTTOM LOCKING TYPE SLIDING SYSTEM

(51) International classification :B60N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WANI, AJAY
4)JANG, JAE YONG
5)VENKATESH, PANIRAJ KADAVANIKOTE
6)KUMAR, LOHITH KUMAR SHIVANANDA

(57) Abstract :
The present invention relates to an internal bottom locking type sliding system provided for adjusting the automotive seat by horizontal movement of the seat relative to the automotive body. The sliding system comprises upper rail, lower rail and lock trigger assembly. The lower rail comprises slots and is fixed to the floor of vehicle body and the upper rail is fixed to seat cushion frame. The lock assembly is mounted between the lower rail and the upper rail. The lock assembly comprises towel bar, operational lever, lock trigger, support bracket, mounting rivets, and lock spring. The lock trigger further comprises radial type non-uniform trigger teeth to be engaged inside the slot of lower rail. The lock trigger is driven manually by the operational lever for an unlock condition by operating the towel bar to make adjustment by disengaging the lock trigger teeth from the slots of the lower rail.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.811/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SEMICONDUCTOR ASSISTED DC LOAD BREAK CONTACTOR

(51) International classification :H01H47/00,H01H47/32,H01H9/54
(31) Priority Document No :12/854223
(32) Priority Date :11/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046891
Filing Date :08/08/2011
(87) International Publication No :WO 2012/021430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEST Richard T.

(57) Abstract :
An electrical switch apparatus for use in connecting and disconnecting a DC power source and a load includes first and second pairs of controllable electromechanical contacts coupled to the DC power source and the load for connecting the power source to the load when the contacts are closed and disconnecting the power source from the load when the contacts are open. A controller is coupled to the electromechanical contacts and programmed to produce control signals for opening and closing the contacts. A diode is coupled to the electromechanical contacts to prevent electrical current from flowing from the load to the power source and a controllable semiconductor switch is coupled to the controller and across the power source for momentarily short circuiting the source in response to a control signal indicating a transition of either or both of the first and second pairs of electromechanical contacts from a closed condition to an open condition.

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.978/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DRUG RECONSTITUTION AND DELIVERY DEVICE

(51) International classification :A61M5/14,A61M5/20,A61J1/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/061634
Filing Date :10/08/2010
(87) International Publication No:WO 2012/019641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LINTERN Richard
2)MURRAY Edward
3)SHERGOLD Oliver
4)STAUCH Oliver Boris

(57) Abstract :
A device for automatically delivering a drug to a user and method thereof are disclosed. The device (10 20 70 110) provides a connector to which a vial (12 50 60 100 130 202) containing the drug is removably connected and situated thereto in a substantially inverted position. When commanded by the user the device (10 20 70 110) starts a reconstitution process to automatically create a reconstituted drug and provides an indication that the reconstitution process is complete such that the vial (12 50 60 100 130 202) may be removed from the connector (22 72 112). After disposing the device (10 20 70 110) on the user the device (10 20 70 110) can automatically deliver the reconstituted drug to the user when further commanded by the user.

No. of Pages : 45 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.506/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PASSING CONTROL OF GESTURE-CONTROLLED APPARATUS FROM PERSON TO PERSON

(51) International classification :G06F 3/00
(31) Priority Document No :13/367,606
(32) Priority Date :07/02/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Steven Friedlander
2)David Thiele

(57) Abstract :
A television (TV) includes a display and a processor controlling the display and receiving signals representing human gestures. The processor is programmed to respond to gestures from a first viewer to control the display. Also, the processor is programmed to respond to gestures from a second viewer to control the display only responsive to a determination that the first viewer has both looked toward the second viewer, and that the first viewer has confirmed, as a separate act from looking toward the second viewer, a desire to transfer control of the TV to the second viewer

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013
(21) Application No.587/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR COEXISTENCE-AWARE COMMUNICATION MECHANISM FOR MULTI-RADIOS

(51) International classification :H04H
(31) Priority Document No :13/404196
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Tommi Juhani Zetterman
4)Jussi Petteri Knuuttila
5)Vesa Hirvisalo

(57) Abstract :
METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR COEXISTENCE-AWARE COMMUNICATION MECHANISM FOR MULTI-RADIOS Method, apparatus, and computer program product embodiments are disclosed to enhance multi-radio coexistence. An example embodiment comprises: determining for a first radio in a multi-radio device, a next instant of activity; transmitting by a second radio in the multi-radio device, to another wireless device, control information including a duration value for an interval to occur before a next instant of activity by the first radio, during which interval wireless communication between the second radio of the multi-radio device and the another wireless device must be completed; and entering by the second radio in the multi-radio device, a power save state by end of the interval. FIG. 2B

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.639/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PREPARATION OF APIXABAN

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)Dr. Srinivas Oruganti
3)Rajesh Kumar Rapolu

(57) Abstract :
The present application relates to relates to processes for preparation of Apixaban and intermediates thereof.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1128/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING APPARATUS IMAGE DECODING APPARATUS AND IMAGE ENCODING/DECODING APPARATUS

(51) International classification :H04N7/32
(31) Priority Document No :61/508762
(32) Priority Date :18/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/004197
Filing Date :28/06/2012
(87) International Publication No :WO 2013/011640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHIBAHARA Youji
4)SUGIO Toshiyasu
5)TANIKAWA Kyoko
6)MATSUNOBU Toru

(57) Abstract :
An image encoding method comprises an encoding step (S801) for encoding first binarized data which indicates a first intra prediction mode and second binarized data which indicates a second intra prediction mode. The encoding step (S801) uses a context adaptive arithmetic encoding to encode a first context adaptive portion which is a portion of the first binarized data and a second context adaptive portion which is a portion of the second binarized data and further uses a bypass encoding to encode a first bypass portion which is another portion of the first binarized data and a second bypass portion which is another portion of the second binarized data thereby generating encoded data that includes the first and second context adaptive portions and that also includes the first and second bypass portions following the first and second context adaptive portions.

No. of Pages : 123 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.505/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SOLAR CELL AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:H01L 31/00
(31) Priority Document No	:2012-027297
(32) Priority Date	:10/02/2012
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Hiroyuki OTSUKA

(57) Abstract :
A method of manufacturing a solar cell, including the steps of: forming an SiNx film over a second principal surface of an n-type semiconductor substrate; forming a p-type diffusion layer over a first principal surface of the n-type semiconductor substrate after the SiNx film forming step; and forming an Si02 film or an aluminum oxide film over the p-type diffusion layer.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.683/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FLYER ASSEMBLY WITH IMPROVED WHARVE

(51) International classification :D01H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SENTHIL KUMAR THIYAGARAJAN

(57) Abstract :
The present invention relates to a flyer assembly for spinning and twisting jute and the like materials. The present invention discloses a flyer assembly with an improved wharve constructed with enhanced concentricity between bearing mounting portion and flyer mounting portion to achieve higher speeds. The present invention finds application in jute spinning industries.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.824/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CALIBRATION DEVICE FOR MEASUREMENT GAUGES OF THE DIAMETER AND OTHER GEOMETRICAL CHARACTERISTICS OF CYLINDERS

(51) International classification :G01B3/30,G01B21/04,B24B49/04
(31) Priority Document No :MI2010A001457
(32) Priority Date :02/08/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/003443
Filing Date :07/07/2011
(87) International Publication No :WO 2012/016628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GABOARDI Paolo
3)TREVISAN Claudio
4)BIANCHESSI Flavio Stefano

(57) Abstract :
A calibration device for gauges for the measurement of the geometrical characteristics of cylinders such as the diameter profile rotundity and eccentricity errors wherein said gauges comprise a pair of movable opposing arms (49) equipped with feelers or sensors (51) at the free ends characterized in that said calibration device (30) comprises a pair of abutments (34 35) reciprocally approachable and/or withdrawable by means of motors (36 37) until a sample measure is obtained as desired within the measuring range of the gauge on which said calibration device is assembled revealed by means of measur ing means (42 43; 44 45) cooperating with said abutments (34 35) consequently said feelers or sensors (51) are respectively abut or approached to said abutments (34 35) to reveal said sample measure.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.806/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING MONITORING AND/OR CONTROLLING RACING VEHICLES

(51) International classification :G04F8/08,A63H18/00
(31) Priority Document No :202010011317.2
(32) Priority Date :12/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003804
Filing Date :28/07/2011
(87) International Publication No :WO 2012/019716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PLATZER Peter

(57) Abstract :
The present invention relates to a device and a method for detecting monitoring and/or controlling (3) racing vehicles (V1 V2 Vn) on a racetrack (1) having at least one camera (7) for monitoring when a predetermined track section such as a starting line and/or finishing line (50) is crossed a recording device for recording the images provided by the camera a recording control device (51) for automatically recording the images provided by the camera (7) only during a specific time window within which the crossing of the track section is to be determined and a sensor device (53) for detecting the crossing of the track section. A marking device (54) generates a marking for a recorded image as a function of a sensor signal of the sensor device and the occurrence thereof in the specific time window wherein storage means store the marking in an event list. An image of interest can be simply selected on the basis of the associated marking which is read out from the event list without the images which are provided by the camera having to be evaluated themselves for this purpose as a result of which the quantity of data to be processed can be reduced and shortened access times can be achieved.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.826/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IMAGE INTRA PREDICTION MODE ESTIMATION DEVICE IMAGE ENCODING DEVICE IMAGE DECODING DEVICE AND ENCODED IMAGE DATA

(51) International classification :H04N7/32
(31) Priority Document No :2010160266
(32) Priority Date :15/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066055
Filing Date :14/07/2011
(87) International Publication No :WO 2012/008514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YASUGI Yukinobu

(57) Abstract :
Abstract A coding device and a decoding device are configured to include an estimated prediction mode deciding section (122a) including: a reference block selecting section (1223a) for selecting a reference block for use in estimating an intra-prediction mode for a subject block; an estimating number deciding section (1222a) for deciding an estimating number of estimated values to be estimated for the intra-prediction mode; and an estimated prediction mode deriving section (1221a) for estimating, based on a reference block, the estimating number of estimated values of the prediction mode.

No. of Pages : 107 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013
(21) Application No.871/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BIOTECHNOLOGICAL PRODUCTION OF CHONDROITIN

(51) International classification :C12R1/19,C08B37/08,C08B37/00
(31) Priority Document No :MI2010A001264
(32) Priority Date :09/07/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/059069
Filing Date :01/06/2011
(87) International Publication No :WO 2012/004063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TRILLI Antonio
2)BUSIELLO Immacolata
3)DALY Simona
4)BAGATIN Francesca

(57) Abstract :
Chondroitin is produced by culturing a recombinant microorganism which is obtained by inactivation of a gene encoding an enzyme responsible of fructose residues addition to the linear chondroitin polysaccharide in a microorganism producing a fructosylated derivative of chondroitin.

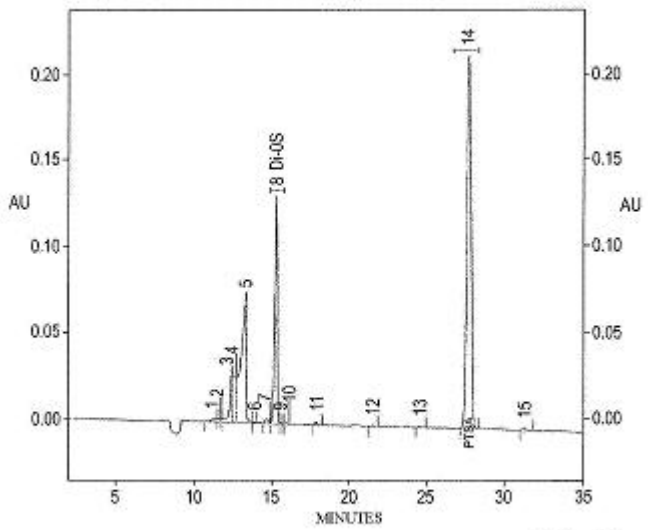

Fig. 3

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.919/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : IN SITU CHEMILUMINESCENT SUBSTRATES AND ASSAYS

(51) International classification	:C07D305/00,C07D305/14,C07F9/00
(31) Priority Document No	:61/362608
(32) Priority Date	:08/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/043074 :06/07/2011
(87) International Publication No	:WO 2012/006351
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)WANG Zhixian
3)GEE Melissa

(57) Abstract :
Methods for generating a chemiluminescent enzyme substrate in situ in aqueous or other assay conditions. Also disclosed are methods to use the substrates to generate light detect and/or quantify enzymes antigens and/or nucleic acids. Kits relating to these methods are also disclosed.

No. of Pages : 128 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.922/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING 2 HYDROXYPHENYL BENZOTRIAZOLE SILOXANE COMPOUNDS

(51) International classification :C07D249/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/001672
Filing Date :25/10/2010
(87) International Publication No :WO 2012/055064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GUERREIRO Patricio
3)GUO Jianping
4)TANG Wensheng

(57) Abstract :
A process for preparing a siloxane compound comprising a 2 hydroxyphenyl benzotriazole function which comprises at least one step in which a reaction for hydrosilylation of a compound 2 hydroxyphenyl benzotriazole comprising a substituent having a terminal double bond with a siloxane compound comprising an SiH function is carried out in the presence of a catalyst and of at least one volatile organic solvent corresponding to one of formula (VII) or (VIII). in which R and R which may be identical or different represent a linear or branched C C alkyl radical with the proviso that the sum of the carbons of R and R is less than or equal to 6;y is and integer between 1 and 3;R which may be identical or different are linear or branched C C alkyl radicals with the proviso that the sum of the carbons of R is less than or equal to 6 is disclosed.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.977/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK INFORMATION PROCESSING SYSTEM NETWORK INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD

(51) International classification :H04L12/24,H04L12/26,H04L12/56
(31) Priority Document No :2010-179948
(32) Priority Date :11/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068211
Filing Date :03/08/2011
(87) International Publication No :WO 2012/020782 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
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(72)**Name of Inventor :**
1)NISHIOKA Itaru

(57) Abstract :
Provided is a network information processing system wherein the construction of an information processing system of the whole network is simplified and network control intended by a user is able to be implemented and which is provided with: a first network information processing apparatus for managing and controlling a first communication network; and a second network information processing apparatus for managing and controlling a second communication network that contains at least a portion of the first communication network therein. The first network information processing apparatus comprises: a converting means for converting the network connection construction of the construction section of the second communication network which is related to the first communication network into the form of a user provided network that is specialized to meet the second communication network under a prescribed conversion rule; and a transmitting means for transmitting the user provided network to the second network information processing apparatus. The second network information processing apparatus comprises a managing means for managing the second communication network on the basis of the user provided network.

No. of Pages : 71 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.976/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PORTABLE WIRELESS DEVICE

(51) International classification :H01Q1/52,H01Q1/24
(31) Priority Document No :2010-178827
(32) Priority Date :09/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004364
Filing Date :01/08/2011
(87) International Publication No :WO 2012/020553 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Panasonic Corporation
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(72)**Name of Inventor :**
1)SUMI Shingo

(57) Abstract :
Disclosed is a portable wireless device capable of downsizing the device body and reducing the cost while reducing the deterioration in antenna performance by electromagnetic coupling caused by proximately arranging two antenna elements. A slit (24) is formed in a ground pattern between a second power feeding unit (21) and a second connection unit (23) of a second circuit substrate (20). Thereby on the basis of an inductor (L2) corresponding to a path length of the slit (24) and a capacitor (C3) generated between a ground pattern of a first circuit substrate (10) and a round pattern of a second circuit substrate (20) an effect of arranging a high frequency filter between the ground patterns can be obtained. Due to the filtering effect isolation between the ground pattern of the first circuit substrate (10) and the ground pattern of the second circuit substrate (20) can be secured and deterioration in antenna performance due to electromagnetic coupling of the first antenna element (12) and the second antenna element (22) can be prevented.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.795/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEMS METHODS APPARATUS AND COMPUTER READABLE MEDIA FOR NOISE INJECTION

(51) International classification :G10L19/02,G10L19/04
(31) Priority Document No :61/374565
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048056
Filing Date :17/08/2011
(87) International Publication No :WO 2012/024379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)DUNI Ethan Robert
3)KRISHNAN Venkatesh

(57) Abstract :
A scheme for injecting noise at uncoded elements of a spectrum is controlled according to a measure of a distribution of energy of the original spectrum among the locations of the uncoded elements.

No. of Pages : 61 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.948/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : HEPATITIS C VIRUS INHIBITORS

(51) International classification :C07D403/14,C07D405/14,C07D413/14
(31) Priority Document No :61/373070
(32) Priority Date :12/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047211
Filing Date :10/08/2011
(87) International Publication No :WO 2012/021591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)BENDER John A.
4)LOPEZ Omar D.
5)CHEN Qi
6)RAMPULLA Richard A.
7)GUPTA Samayamunthula Venkata Satya Arun Kumar
8)MEANWELL Nicholas A.

(57) Abstract :
The present disclosure relates to compounds compositions and methods for the treatment of hepatitis C virus (HCV) infection. Also disclosed are pharmaceutical compositions containing such compounds and methods for using these compounds in the treatment of HCV infection.

No. of Pages : 173 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1142/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DIRECT CURRENT WELDING MACHINE

(51) International classification :B23K11/04
(31) Priority Document No :201110311823.2
(32) Priority Date :15/10/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/075118
Filing Date :07/05/2012
(87) International Publication No :WO 2013/053226
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)QIU Jianping
3)LIU Xiaolei
4)LI Xueyun
5)LI Xianyuan
6)WANG Shuhua
7)GONG Jiaxiang
8)ZHU Haixing
9)HUANG Siji

(57) Abstract :
A direct current welding machine comprising a first set of machine frame (2 2) a second set of machine frame (6 6) a centre shaft (8) a clamping oil cylinder (3) a shearing device (4) a forging oil cylinder (7) and a medium frequency welding transformer (10) wherein a hydraulic cylinder (9) is connected onto the centre shaft (8) and the hydraulic cylinder (9) comprises a first cylinder (9 1) and a second cylinder (9 2) with the same internal diameter a first piston (9 3) a second piston (9 4) and a shared piston rod (9 5); a first hydraulic chamber (9 1 1) is in communication with a second oil port (9 9); a second hydraulic chamber(9 1 2) is in communication with a third oil port (9 10); a third hydraulic chamber (9 2 1) is in communication with a fourth oil port (9 7); and a fourth hydraulic chamber (9 2 2) is in communication with a fifth oil port (9 8). Two shearing oil cylinders (1) both comprise a shearing cylinder body (1 7) a shearing piston (1 1) and a shearing piston rod (1 6). The fourth oil port (9 7) and the second oil port (9 9) of the hydraulic cylinder (9) are in communication with a second oil port (A2) of a three position four way solenoid valve (13); and the fifth oil port (9 8) and the third oil port (9 10) are respectively in communication with a first shearing oil port (1 4) of the two shearing oil cylinders (1). The direct current welding machine can ensure the synchronism of the two shearing oil cylinders and has a simple structure.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1143/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND APPARATUS OF DEACTIVATING CARRIERS IN WIRELESS COMMUNICATIONS

(51) International classification :H04L25/03,H04L27/36,H04L5/00
(31) Priority Document No :61/373689
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045601
Filing Date :27/07/2011
(87) International Publication No :WO 2012/021295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHEN Wanshi
3)DAMNJANOVIC Jelena M.
4)KITAZOE Masato
5)MONTOJO Juan

(57) Abstract :
Methods and apparatuses are provided for determining whether to deactivate one or more uplink carriers based at least in part on determining deactivation of a downlink carrier. A linking of the one or more uplink carriers to the downlink carrier can be obtained for determining whether to deactivate the one or more uplink carriers. The linking can be a system information block linking a carrier indicator field linking a pathloss linking an uplink timing reference linking and/or the like. The one or more uplink carriers can be deactivated based on the linking and/or another linking to one or more other downlink carriers.

No. of Pages : 44 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013

(21) Application No.641/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : PROCESS FOR PREPARING VORICONAZOLE

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Vakamudi Sri Naga Venkata Lakshmi Vara Prasad
3)Christy Prabakar Arulnathan
4)Jaydeepkumar Dahyabhai Lilakar
5)Rakeshwar Bandichhor

(57) Abstract :
The present invention relates to processes for the preparation of Voriconazole and its intermediates thereof.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.838/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : WATER BASED LIQUID COLOR CONTAINING THERMOSTABLE DISPERSION ADDITIVES FOR COLORING POLY(METH)ACRYLATES

(51) International classification :C09B67/08,C08K5/00,C08L33/10
(31) Priority Document No :10 2010 031 183.9
(32) Priority Date :09/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061303
Filing Date :05/07/2011
(87) International Publication No :WO 2012/004257 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)NAU Stefan
7)MEHLER Nils
8)SADO Krzysztof
9)BECKER Ernst
10)BENDZKO Norbert
11)HENN Joachim
12)VOGT Markus
13)SCHUBERT Markus
14)CLEFF Daniel
15)RIEDEL BENDZKO Birgit

(57) Abstract :
The invention relates to a method for coloring thermoplastic molding compounds preferably a polymethyl(meth)acrylate molding compound using novel aqueous colorant preparations. The invention further relates to a novel water based colorant preparation.

No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.981/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ANTI TENASCIN C A2 ANTIBODIES AND METHODS OF USE

(51) International classification :C07K16/30,A61K39/395,G01N33/53
(31) Priority Document No :10172841.8
(32) Priority Date :13/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063734
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020038
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HOSSE Ralf
3)KLEIN Christian
4)MOESSNER Ekkehard
5)NICOLINI Valeria G.
6)UMA'A Pablo

(57) Abstract :
The invention provides antibodies against the A2 domain of tenascin C and methods of using the same.

No. of Pages : 161 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.1132/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A BUILDING HAVING AN EMERGENCY INFORMATION FACILITY

(51) International classification :G08B25/14
(31) Priority Document No :1013711.5
(32) Priority Date :16/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001199
Filing Date :09/08/2011
(87) International Publication No :WO 2012/022930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EDWARDS Stuart Graham

(57) Abstract :
A building (2) having an information facility for use in an emergency and for enabling emergency services to obtain information on the building (2) likely to be necessary for use in tackling the emergency and the building (2) being such that: (i) the information on the building (2) is accessed via an information container (4); (ii) the information container (4) is on an outside part of a building; (iii) the information container (4) comprises a body (8) a door (10) for closing the body (8) and control means (12) for accessing the information on the building (2); (iv) the information on the building (2) is stored in memory means (14); and (v) the control means (12) electronically accesses the information in the memory means (14).

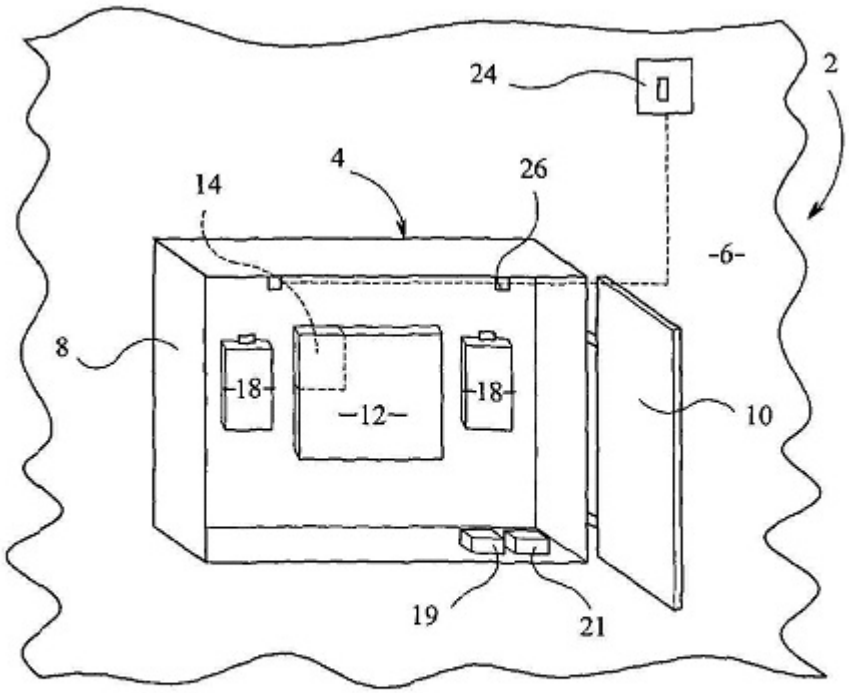

FIG 1

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.524/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR THE PREPARATION OF SUBSTITUTED 3-ACETYL-4-HYDROXYQUINOLIN-2(1H)-ONES

(51) International classification :C08B3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUNDARAMOORTHY SARVESWARI
2)VIJAYAPARTHASARATHI VIJAYAKUMAR

(57) Abstract :
The present invention relates to substituted 3-acetyl-4-hydroxyquinolin-2(1H)-ones or its salts or derivatives and methods thereof.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.819/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD OF PREPARING BENZOXAZINE THIOL POLYMER FILMS

(51) International classification :C08G73/02,C08J5/18
(31) Priority Document No :61/370688
(32) Priority Date :04/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046177
Filing Date :02/08/2011
(87) International Publication No :WO 2012/018753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)JOHNSON Michael A.

(57) Abstract :
A process for preparing benzoxazine thiol polymer film is described comprising forming a rolling bank of a curable composition comprising a polybenzoxazine and a polythiol wherein the rolling bank contacts first and second carrier substrates; passing the first and second substrates with the curable composition therebetween through a nip; and at least partially curing the curable composition to provide the corresponding polymeric layer. The compositions are useful in coating sealants adhesive and many other applications.

No. of Pages : 40 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.930/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SPIRO CYCLIC AMINE DERIVATIVES AS S1P MODULATORS

(51) International classification :C07D265/36,C07D491/107,C07D491/20
(31) Priority Document No :10169104.6
(32) Priority Date :09/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061599
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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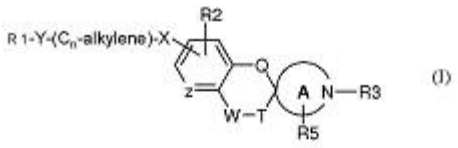
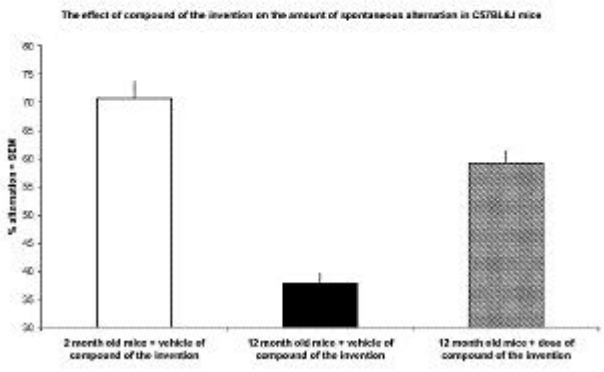
3)COOLEN Hein K.A.C.
4)VAN DONGEN Maria J.P.
5)LEFLEMME Nicolas J. L.D.

(57) Abstract :
The present invention relates spiro cyclic amine derivatives of the formula (I) wherein R1; R2; R3; Q; W T ; R5; Z; and A have the definitions provided in the claims; or a pharmaceutically acceptable salt a solvate or hydrate thereof or one or more N oxides thereof. The compounds of the invention have affinity to S1P receptors and may be used in the treatment alleviation or prevention of diseases and conditions in which (a) S1P receptor (s) is (are) involved.



(I)

Fig I.



No. of Pages : 297 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.955/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : POLYCRYSTALLINE SUPERHARD MATERIAL

(51) International classification :C25D13/02
(31) Priority Document No :1013615.8
(32) Priority Date :13/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/063617
Filing Date :08/08/2011
(87) International Publication No :WO 2012/019996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MONTROSS Charles Stefan

(57) Abstract :
A method for making polycrystalline superhard material comprises providing an electrically conductive substrate defining at least one deposition surface electrophoretically depositing charged superhard particles or grains on to the deposition surface(s) of the substrate to form a pre sinter body and subjecting the pre sinter body to a temperature and pressure at which the superhard material is thermodynamically stable sintering and forming polycrystalline superhard material. There is also disclosed a superhard wear element comprising a polycrystalline superhard material produced by such a method.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013
(21) Application No.885/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ELECTRIC SORTING BY MEANS OF CORONA DISCHARGE

(51) International classification :B03C7/00,B03C7/02,B03C7/12
(31) Priority Document No :10 2010 026 445.8
(32) Priority Date :08/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003223
Filing Date :30/06/2011
(87) International Publication No :WO 2012/003935 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STEAG POWER MINERALS GMBH
(72)**Name of Inventor :**
1)SCHAACK Senada
2)BENSCHEIDT Nicola
3)BORCHERS Frank
4)BERGHAHN Matthias
5)NORDHOFF Stefan
6)STENNER Patrik

(57) Abstract :
The invention relates to a method for separating particle mixtures into a first fraction and into a second fraction the electric conductivity of the particle of the first fraction is greater than the electric conductivity of the second fraction. The aim of the invention is to provide a method by means of which a fine grained particle mixture in particular electrical scrap from photovoltaic modules or lithium ion batteries can be separated in an economical manner. Said aim is achieved such that: a) a fluidised particle mixture containing two particle fractions having a different electric conductivity is provided; b) air is ionised equidirectionally by means of at least one corona electrode surrounded by air which is to be ionised; c) the ionised air is mixed with the fluidised particle mixture to obtain equidirectional ionised fluidised particle mixtures; d) particles of the second fraction from the ionised fluidised particle mixture are condensed on a collecting electrode moving in relation to the ionised fluidised particle mixture said collecting electrode being earthed or being charged counter to the corona electrode; e) particles adhering to the collecting electrode are removed for forming a second fraction; f) the first fraction formed from the particles of the ionised fluidised particle mixture not adhering to the collecting electrode is collected.

No. of Pages : 57 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.959/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYNGAS PRODUCTION THROUGH THE USE OF MEMBRANE TECHNOLOGIES

(51) International classification :C01B3/34,C01B3/48,B01D53/22
(31) Priority Document No :61/362975
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042365
Filing Date :29/06/2011
(87) International Publication No :WO 2012/006155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TRANQUILLA James M.
3)PICARO Tony

(57) Abstract :
Streams (11) of natural gas contaminated with carbon dioxide can be to create Syngas (16). An available source (1) of flue gas and a C02 laden natural gas stream (11) are combined to deliver a composite near equal mixture of methane and C02 to a plasma reactor (15) or the like that will generate Syngas. When coupled with a Fischer Tropsch reactor (40) the overall process provides a process for producing synthetic liquid hydrocarbons.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.956/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEVICE FOR PRODUCTION OF GRANULAR METAL IRON AND PROCESS FOR PRODUCTION OF GRANULAR METAL IRON

(51) International classification :C21B13/10,C21B11/08
(31) Priority Document No :2010-178961
(32) Priority Date :09/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067470
Filing Date :29/07/2011
(87) International Publication No :WO 2012/020656 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TSUGE Osamu
2)KIKUCHI Shoichi

(57) Abstract :
A device for producing granular metal iron by placing a mass of a raw material mixture comprising a substance containing iron oxide and a carbonaceous reducing agent on a heath of a moving heath type heating furnace and heating the mass to reduce iron oxide in the mass thereby producing the granular metal iron. The device comprises in addition to the moving heath type heating furnace a sieving machine a first magnetic separator and a second magnetic separator and also comprises a passage through which a discharged substance from the moving heath type heating furnace is supplied to the sieving machine a passage through which crude granules that have been sieved by the sieving machine are supplied to the first magnetic separator and a passage through which fine granules that have been sieved by the sieving machine are supplied to the second magnetic separator.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.828/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : FOOD OR BEVERAGE IN TRANSPARENT CONTAINER AND OFF FLAVOR PREVENTION METHOD

(51) International classification :A23G9/00,A23L1/00,B32B27/00
(31) Priority Document No :2010-173777
(32) Priority Date :02/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067600
Filing Date :01/08/2011
(87) International Publication No :WO 2012/017984 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIBATA Eri
3)OYAMA Koji

(57) Abstract :
To suppress off-flavor, which is produced through irradiation with light such as sunlight or fluorescent lamp light, of a food or beverage in a transparent container, which is made by filling the food or beverage which contains fruit pulp and/or fruit juice into the transparent container. A food or beverage in a transparent container, wherein the transparent container substantially blocks light in wavelength ranges of 300 nm to 500 nm and 550 nm to 720 nm. One of preferred examples of the food or beverage is an ice cream.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.912/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ACCESS TO A NETWORK OF NODES DISTRIBUTED OVER A COMMUNICATION ARCHITECTURE USING A TOPOLOGY SERVER WITH MULTI CRITERIA SELECTION

(51) International classification	:H04L29/08
(31) Priority Document No	:1055568
(32) Priority Date	:08/07/2010
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2011/051582 :05/07/2011
(87) International Publication No	:WO 2012/004513 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RANDRIAMASY Claire Sabine

(57) Abstract :
The invention relates to a system providing access (C M) to an application distributed over a network of nodes (N1 N2 N3... N50) deployed on a communication architecture (A) by an application client (C) connected to the communication architecture. The invention comprises a server (S) having a topological view of the network within the communication architecture and means for providing information at the request of the client relating to a set of nodes of the network as a function of the topological view. According to the invention the server can provide information relating to a plurality of characteristics pertaining to this set of nodes.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2013
(21) Application No.1238/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NOVEL LOW MOLECULAR WEIGHT CATIONIC LIPIDS FOR OLIGONUCLEOTIDE DELIVERY

(51) International classification :A61K9/127,A61K48/00
(31) Priority Document No :61/384486
(32) Priority Date :20/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052328
Filing Date :20/09/2011
(87) International Publication No :WO 2012/040184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUDZIK Brian W.
3)BEUTNER Gregory L.
4)LIAO Hongbiao

(57) Abstract :
The instant invention provides for novel catiomc lipids that can be used in combination with other lipid components such as cholesterol and PEG lipids to form lipid nanoparticles with oligonucleotides. It is an object of the instant invention to provide a cationic lipid scaffold that demonstrates enhanced efficacy along with lower liver toxicity as a result of lower lipid levels in the liver. The present invention employs low molecular weight cationic lipids with one short lipid chain to enhance the efficiency and tolerability of in vivo delivery of siRNA.

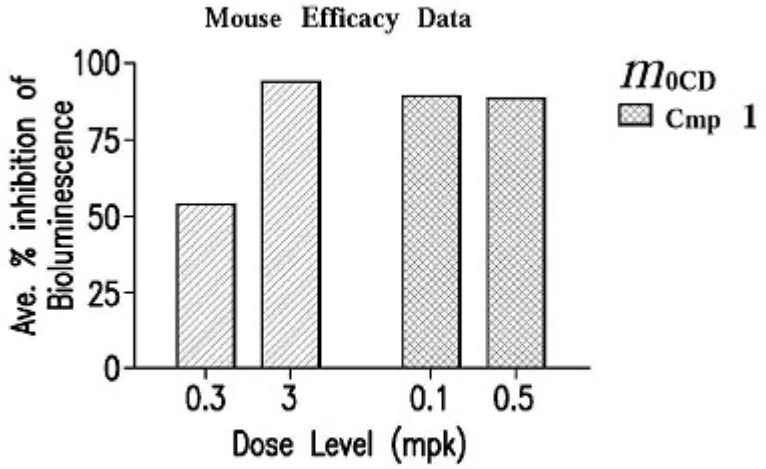

FIG.1

No. of Pages : 80 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.496/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : EXHAUST GAS RECIRCULATION VALVE CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KARUPPUSAMY SAKTHIVEL
3)PANNEER SELVAM MURUGADOSS

(57) Abstract :
Petrol/Diesel consists of mainly hydrocarbons and traces of sulphur and nitrogen gases. These sulphur and nitrogen compounds when burnt produce SO2 and NOx which are mainly responsible for air pollution. NOx is primarily formed when a mixture of nitrogen and oxygen is subjected to high temperature. EGR is a technique being used in petrol/diesel internal combustion engines to reduce oxides of nitrogen (NOx) in exhaust gas. The lower combustion chamber temperatures caused by EGR reduces the amount of NOx generated by combustion. EGR is required to meet emission standards in many countries.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013
(21) Application No.785/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARQ MAC FOR AD-HOC COMMUNICATION NETWORKDS AND A METHODS FOR USING THE SAME

(51) International classification :H04L 1/18
(31) Priority Document No :60/385,574
(32) Priority Date :05/06/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/17248
Filing Date :04/06/2003
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2739/CHENP/2004
Filed on :04/06/2003

(71)**Name of Applicant :**
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1)ALAPURANEN, PERTTI, O.

(57) Abstract :
A system and method for a media access control (MAC) algorithm with separate operation modes for good channel and bad channel communication. Variables, including channel vector values transmitted in request-to-send/clear-to-send (RTS/CTS) messages (102-1 and 106), are varied depending on channel mode, resulting in optimized system throughput. In a first mode, the present invention provides a system and method to estimate a channel vector length (102-1), and communicate the length to a first node and any associated groups of nodes receiving the RTS/CTS sequence. In a second mode, a maximum channel vector length is used (106), as retransmissions are less probable in good channels. Figure 1

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.807/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : NETWORK ENTITY AND METHOD FOR MANAGING SESSION INITIATION PROTOCOL COMMUNICATIONS TOWARDS A USER ENTITY IN A COMMUNICATION NETWORK

(51) International classification :H04L29/06
(31) Priority Document No :10172586.9
(32) Priority Date :12/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063763
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KLEIN Andreas

(57) Abstract :
The present invention relates to a network entity (201) for managing Session Initiation Protocol (SIP) communications towards a user entity in a communication network. The network entity has a receiver (203) and a processor (205). The receiver (203) is configured to receive a first SIP message. The processor (205) is configured to generate a second SIP message in response to receiving the first SIP message the second SIP message having user specific data relating to the user entity.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.870/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : CONFECTION WITH GELATIN COMPLEX

(51) International classification :A23L1/05
(31) Priority Document No :61/362486
(32) Priority Date :08/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042635
Filing Date :30/06/2011
(87) International Publication No :WO 2012/006215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIU Jingping
3)TIAN Minmin
4)HASSLER Julie
5)GREENBERG Michael J.

(57) Abstract :
A confectionary product comprising a polyphenol gelatin complex containing water having a polyphenol to gelatin weight ratio of 0.2:1 to 0.8:1; and a sitable bulking agent such as erythritol mannitol hydrocolloid gums modified starch pectin inulin milk protein milk protein salt and combinations thereof; wherein the confection disintegrates during chewing under mouth conditions in 2 to 40 minutes.

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013
(21) Application No.916/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A VIBRATING METER INCLUDING A DAMPED METER COMPONENT

(51) International classification :G01F1/84
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/041472
Filing Date :09/07/2010
(87) International Publication No :WO 2012/005734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LANHAM Gregory Treat
2)WERBACH Christopher A.

(57) Abstract :
A vibrating meter (5) is provided. The vibrating meter (5) includes one or more conduits (103A 103B) including a vibrating portion (471) and a non vibrating portion (472) and a driver (104) coupled to a conduit of the one or more conduits (103A 103B) and configured to vibrate the vibrating portion (471) of the conduit at one or more drive frequencies. The vibrating meter (5) also includes one or more pick offs (105 105) coupled to a conduit of the one or more conduits (103A 103B) and configured to detect a motion of the conduit. One or more meter components exclusive of the vibrating portion (471) of the conduits (103A 103B) the driver (104) and the pick offs (105 105) is provided with a damping material (310) applied to at least a portion of a surface of a meter component of the one or more meter components that reduces one or more vibrational resonant frequencies of the meter component below the one or more drive frequencies.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.957/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : TARGETED GAS FILLED MICROVESICLES

(51) International classification :A61K49/22
(31) Priority Document No :10172318.7
(32) Priority Date :09/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063720
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BUSSAT Philippe
3)LAMY Bernard
4)CHERKAOUI Samir
5)GUILBERT BRIGGER Irene

(57) Abstract :
Gas filled microvesicles associated with a polypeptide comprising a sequence of amino acids said sequence exhibiting binding affinity for selectins particularly p selectin. The gas filled microvesicles can be used in ultrasound imaging.

No. of Pages : 48 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.507/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR TRACKING AND MANAGING PLAYBACK OF MULTIMEDIA CONTENT

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAJENDRA KUMAR KHARE

(57) Abstract :
A system and method for tracking and managing playback of advertisements is disclosed. The system includes a processor configured to process the multimedia content, including advertisements, and generate a video signature/audio signature 5 corresponding to the multimedia content. The video/audio signature is subsequently embedded/superimposed on at least one of the frames of the multimedia advertisement. The system further includes a plurality of trackers placed at predetermined geographic locations and configured to detect the broadcast television signal, and determine whether the video signature/audio 10 signature is present in the broadcast signal. Subsequently, the tracker generates a report comprising at least a time stamp indicating the time of broadcast of the advertisement having the audio/video signature.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.808/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : LATEX COATING COMPOSITIONS INCLUDING CARBOXY ESTER KETAL COALESCENTS METHODS OF MANUFACTURE AND USES THEREOF

(51) International classification	:C09D7/12,C09D121/02
(31) Priority Document No	:61/373053
(32) Priority Date	:12/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/047620 :12/08/2011
(87) International Publication No	:WO 2012/021826
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)RIETH Lee Richard
2)LEIBIG Cora M.
3)PRATT Jason
4)JACKSON Mike

(57) Abstract :
A latex coating composition is disclosed comprising a latex polymer binder; water; and a ketal adduct of formula (1) wherein R is C1 6 alkyl R is hydrogen or Cl 3 alkyl each R R and R is independently hydrogen or Cl 6 alkyl R and R are each independently hydrogen or Cl 6 alkyl a is 0 3 and b is 0 1.

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013
(21) Application No.915/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A COMPOSITE YARN

(51) International classification :D01D5/08,D02G1/18,D02G1/20
(31) Priority Document No :10 2010 026 796.1
(32) Priority Date :10/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061401
Filing Date :06/07/2011
(87) International Publication No:WO 2012/007333 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)REICHWEIN Markus
3)SCHR–TER Michael
4)SCHULZ Detlev
5)SINGH Suprit Pal

(57) Abstract :
The invention relates to a method and device for producing a composite yarn from two synthetic yarns. The yarns are formed by melt spinning two separate bands of filaments from a polymer melt. One of the yarns is drawn and stretched after cooling and bundling the associated filaments into a partially oriented yarn (POY) and the second yarn is drawn and stretched after cooling and bundling the associated filaments into a fully drawn yarn (FDY). The two yarns are joined to form a composite yarn prior to winding. In order to be able to produce the composite yarn with as little machine usage as possible according to the invention the partially oriented yarn is drawn after extruding and cooling at a drawing speed that is equal to a stretching speed of the fully drawn yarn. One of the last stretching galettes of the stretching unit can thus be associated directly with one of the spinning jets of the adjacent spinning device for drawing off the partially oriented yarn wherein the stretching galette comprises an unstepped galette jacket for jointly guiding the two yarns.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013
(21) Application No.1162/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : VIDEO PROCESSING DEVICE VIDEO PROCESSING METHOD VIDEO PROCESSING PROGRAM AND STORAGE MEDIUM

(51) International classification :H04N7/26,H04N5/21
(31) Priority Document No :2010162142
(32) Priority Date :16/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066317
Filing Date :19/07/2011
(87) International Publication No :WO 2012/008602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KOHNO Yoshinori
2)NIIZUMA Ryohsuke

(57) Abstract :
Disclosed is a video processing technology that uses a common architecture used in decoding processing and can correct image quality and perform a denoising process. The disclosed video processing device: counts the number of blocks in a video for which a quantization parameter exceeds a prescribed threshold; computes the amount of noise in the video on the basis of said count; and adjusts a denoising amount in accordance with the computed amount of noise.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.442/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SCARLESS TAPPING KNIFE, FOR SKILLED AND UNSKILLED LABOURERS

(51) International classification :B26B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Gigi Devasy

(57) Abstract :
Scarless Tapping Knife is a landmark in the field of rubber tree tapping and an unprecedented step to solve the problem of shortage of skilled tappers in the sector. This tapping knife can easily be handled by even the unskilled labourers and commercially feasible and has several practical advantages. The hornlike projection in the device prevents the tapping knife from scratching cambium of the rubber trunk being tapped, but can effects normal cut. The thin gap between the hornlike projection and the vertical sharp edge of the knife peals the bark without hurting cambium is very helpful for both the skilled and unskilled. At a tapping angle, a small gap b/w the lower end of the hornlike projection and the sharp edge at the flat end of the knife allows uniform shaving of the bark along the tapping panel or cut. So, Scarless Tapping Knife can easily be handled by even the unskilled labourers.

No. of Pages : 8 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2013

(21) Application No.601/CHE/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A METHOD AND SYSTEM TO PROVIDE USER INTERACTION WITH A DEVICE USING A MAGNETIC COMPASS

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Niranjan B Patil
2)Siba Prasad Samal

(57) Abstract :
A method and system to provide user interaction with a device through a magnetic compass is disclosed. The method and system provides a mechanism to represent a virtual keypad and a contact list in a user device based on magnetic compass. The virtual keypad is designed in a circular or a semi-circular fashion. For a text input, the user rotates the device until the magnetic compass needle points on the required character on the semi-circular or circular keypad. Further, the contact list of the user device is displayed in a circular fashion. Further, the method allows user to select the language mode, blind mode, dictionary mode in the device. When user selects blind mode, the selected characters are verbally pronounced. FIG. 2

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.793/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : STABILIZER SYSTEM FOR A READY TO DRINK WHOLE GRAIN BEVERAGE

(51) International classification :A23L1/0534,A23L1/054,A23L2/52
(31) Priority Document No :61/362599
(32) Priority Date :08/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041947
Filing Date :27/06/2011
(87) International Publication No :WO 2012/005998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PEREYRA Ricardo
2)MUTILANGI William

(57) Abstract :
A stabilizer system for use in a whole grain beverage containing carboxymethylcellulose (CMC) xanthan gum and gellan gum. In one aspect of the present invention the stabilizer system includes about 5 to 20% gellan gum about 1 to 10% xanthan gum and about 50 to 90% CMC. The stabilizer system may be used in milk based or juice based whole grain beverages.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1257/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : MULTI LOOP WIRELESS POWER RECEIVE COIL

(51) International classification :H02J7/02,H01F38/14
(31) Priority Document No :61/368584
(32) Priority Date :28/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045410
Filing Date :26/07/2011
(87) International Publication No :WO 2012/015839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LOW Zhen Ning
2)WHEATLEY Charles E. III

(57) Abstract :
Exemplary embodiments are directed to wireless power reception at a wireless power receiver. A receiver may include a coil comprising a plurality of loops. The receiver may further include a switching element coupled to the coil for selectively shorting at least one loop of the plurality.

No. of Pages : 27 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.803/CHENP/2013 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : SYSTEM FOR AIRBORNE BACTERIAL SAMPLE COLLECTION AND ANALYSIS

(51) International classification :G01N1/22,G01N31/00,C12Q1/70
(31) Priority Document No :61/361804
(32) Priority Date :06/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042854
Filing Date :01/07/2011
(87) International Publication No :WO 2012/006250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SISLIAN Patrick
2)NASR Ramzi
3)NASR Mazen

(57) Abstract :
An aerosol biological collector/analyzer and method of collecting and analyzing an aerosol sample for diagnosis is provided. In particular the current invention is directed to an airborne aerosol collection and bacterial analysis system and method capable of collecting an airborne aerosol sample and preparing it for analysis via aerodynamic shock in a single step.

No. of Pages : 46 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2015

(21) Application No.1208/KOL/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : APPARATUS FOR TREATING A FLUID

(51) International classification :H01G11/28
(31) Priority Document No :PD2014A000324
(32) Priority Date :25/11/2014
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SERVIDA TULLIO

(57) Abstract :
Apparatus for treating a fluid, which comprises at least one pair of electrode layers (10) power supplied to different polarities, delimiting between them a passage chamber (4) for a first fluid flow (F1) containing ionized particles and exerting hydraulic pressure on at least one surface of such electrode layers (10). Retention means (3) are provided, adapted to transmit a mechanical counter-pressure on the aforesaid pair of electrode layers (10) in order to prevent their moving away. Each electrode layer (10) comprises a metal conduction layer (11) electrically connected to the power supply means and at least one first layer of graphite (12) having a first wet surface (12A) directed towards the passage chamber (4) and a first dry surface (12B) compressed by the hydraulic pressure exerted by the fluid contained in the passage chamber (4), directly in adherence against the metal conduction layer (11), in order to distribute the current of the power supply means from the first metal conduction layer (11) to the first layer of graphite (12).

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2015

(21) Application No.116/KOL/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : DEPTH AND CHROMA INFORMATION BASED COALESCENCE OF REAL WORLD AND VIRTUAL WORLD IMAGES

(51) International classification :G06T19/00
(31) Priority Document No :14/550,050
(32) Priority Date :21/11/2014
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DANILO P. GROPPA
2)LOYAL J. PYCZYNSKI

(57) Abstract :
Methods and systems for selectively merging real-world objects into a virtual environment are disclosed. The method may include: receiving a first input for rendering of a virtual environment, a second input for rendering of a real-world environment, and a depth information regarding the rendering of the real-world environment; identifying at least one portion of the rendering of the real-world environment that is within a depth range and differentiable from a predetermined background; generating a merged rendering including the at least one portion of the rendering of the real-world environment into the rendering of the virtual environment; and displaying the merged rendering to a user.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2015

(21) Application No.1170/KOL/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : ARRANGEMENT AND METHOD

(51) International classification :B66B
(31) Priority Document No :14194645.9
(32) Priority Date :25/11/2014
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HANNU LEHTINEN
2)JARMO REIJONEN

(57) Abstract :
The invention relates to an arrangement for installing a set of elevator ropes (R), the arrangement comprising one or more rope reels (3) storing the set of elevator ropes (R); and a rope wheel arrangement (A) mounted on a fixed base (F) comprising one or more rope wheels (5,6); and a first rope guide (4) detachably mounted in proximity of said one or more rope wheels (5, 6) of the rope wheel arrangement (A); and a second rope guide (7) detachably mounted in proximity of said one or more rope wheels (5, 6) of the rope wheel arrangement (A); and wherein the ropes (R).of the set of elevator ropes are arranged to pass from the one or more rope reels (3) to said one or more rope wheels (5, 6) of the rope wheel arrangement (A) via the first rope guide (4), which is arranged to guide the ropes (R) to converge a rim of said one or more rope wheels (5, 6) at least substantially vertically; and to turn around said one or more rope wheels (5,6); and to pass away from the one or more rope wheels (5,6) via the second rope guide (7), which is arranged to guide the ropes (R) to diverge from a rim of said one or more rope wheels (5, 6) at least substantially vertically. The invention further relates to a method for installing a set of elevator ropes (R) wherein said arrangement is utilized.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2015

(21) Application No.1169/KOL/2015 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : BELT TENSIONING DEVICE

(51) International classification :B65G23/44
(31) Priority Document No :10 2014 117 094.6
(32) Priority Date :21/11/2014
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JOACHIM JUD
3)DIPL.-LNG. STEFAN SCHATTENBERG
4)JAN RÜENAUVER

(57) Abstract :
The invention relates to a belt tensioning device comprising: a base member 3 having an attachment portion 9 and an opening 36 for a drive shaft; a first and second tensioning arm 4, 6 that are pivotably supported by first and second bearings 22, 24 on the base member 3 around first and second pivot axes A4, A6 and have first and second tensioning rollers 5, 7; a spring arrangement 8 that pretensions the two tensioning arms 4, 6 in circumferential direction towards each other; wherein the spring arrangement 8 has at least one bow-shaped spring 25, 25" that has a circumferential extension U25 of less than 360° around the first and the second pivot axis A4, A6; wherein the at least one bow-shaped spring 25, 25" has a first and second support portions 26, 26"; 27, 27" that are supported on the first and second tensioning arm 4, 6 as well as a spring portion 28, 28" extending between the first and second support portion 26, 26"; 27, 27"; wherein the at least one bow-shaped spring 25, 25" has an axial length L26, L27 in the area of the first and the second support portion 26, 27; 26", 27" which is axial shorter than a total axial length L25 of the bow-shaped spring 25, 25".

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.1235/KOL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : METHOD FOR FILLER DETECTION AND SMART PROCESSING DURING TRICKPLAY

(51) International classification :H04N21/6587
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VIRENDRA SINGH
3)LAKSHMI ARUNKUMAR
4)ARAVIND SOUNDARARAJAN
5)SISTA SARADA SASTRY

(57) Abstract :
Methods, systems, and computer readable media can be operable to facilitate the detection and management of a filler region during trickplay of a content stream. A filler region at the edge of a targeted advertisement segment may be detected based on the presence of one or more consecutive I-frames. When a filler region is detected during a trickplay operation, a corrective method may be applied during trickplay of the filler region. The corrective method may include a modification of a frame skip count (FSC) and/or frame repeat count (FRC) during trickplay of the filler region, or may include skipping over the processing and output of filler frames during trickplay of the filler region. In embodiments, an index file may be modified to include an indication of a designation of one or more frames as either a filler frame or non-filler frame.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.1212/KOL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : A MACHINE TO GENERATE ENERGY

(51) International classification :F03G7/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHANU PRAKASH VISHWAKARMA

(57) Abstract :
A machin for genration of energy which contains a horizontal metal plate (1) , axis (2) , stand (3) electrical motor (4) with belt (4a) , metal frame (5) U Tube sha pped pipe (6) rubber belt (7) , large wheel (8) with its axis 8a , three cylinder sha pped small wheels 9,10,11, seve rals empty balls 12 - 12a etc, fixed with the belt , wherein the limb 6a rotates about its axis (2) with water within it creating forced vortex and water of outer limb (6b)rises and due to difference of water level no of empty balls sinked into outer limb becomes more then sinked empty balls of limb about the axis , due to resulatant bouoyancy force the rubber belt moves upward into the outer limb with wheel which abscorbs the resulatant buoyancy force which is the useful energy gained. In attached drawing , Fig 1 shows the proposed machin.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.1233/KOL/2014 A
(43) Publication Date : 27/05/2016

(54) Title of the invention : "AN IMPROVED PROCESS FOR INTERNAL SHROUD FILLET MILLING OF BAR TYPE STEAM TURBINE BLADES OF RHOMBOID SHAPE WITH A NEW CLAMPING METHOD"

(51) International classification :B23K26/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BHUDATT SHARMA
2)DHANASH KUMAR

(57) Abstract :
an improved process for internal shroud fillet milling of bar type steam turbine blades of rhomboid shape with a new clamping method comprises of removing old hydraulic cylinder (5) of prior art from the root end (9), fixing a new hydraulic cylinder (8) at the shroud end to actuate a clamp (1) to clamp the blade, fixing locating plate (2) at root end (9) to support the blade, fixing a mounting plate (4) with the new cylinder head (8) wherein a clamping system (1) is disposed in the fixture (F) to clamp the rhomboidal shaped bar type steamturbine blades (10) with the aid of said hydraulic cylinder (8) at the shroud end (3) by pressing the clamp on the said bar (10) when root end (9) is made as reference to carryout the internal fillet milling of bar type blades.

No. of Pages : 9 No. of Claims : 2

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	273150	7861/DELNP/2007	23/03/2006	24/03/2005	METHOD AND APPARATUS FOR TRANSPORTING A PRODUCT WITHIN A DIFFUSER	BOSCH PROJECTS (PTY) LTD.	04/07/2008	DELHI
2	273152	4532/DELNP/2006	12/07/2005	14/07/2004	OIL/COOLANT MODULE WITH COOLANT TREATMENT SYSTEM	HENGST GMBH & CO. KG	10/08/2007	DELHI
3	273157	831/DEL/2008	31/03/2008 12:35:58		AN IN VITRO METHOD FOR DETECTING RICIN	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	09/10/2009	DELHI
4	273159	1810/DEL/2004	24/09/2004	10/10/2003	ARTICLE STORAGE STRUCTURE FOR SCOOTER-TYPE VEHICLE	HONDA MOTOR CO., LTD.	25/08/2006	DELHI
5	273160	115/DEL/2009	21/01/2009 11:41:05		SPORE GERMINATION BASED DETECTION KIT FOR B-LACTAM GROUP IN MILK	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)	30/07/2010	DELHI
6	273161	4055/DELNP/2012	28/12/2010	31/12/2009	CHLORO-SUBSTITUTED POLYETHERIMIDES HAVING IMPROVED RELATIVE THERMAL INDEX	SABIC GLOBAL TECHNOLOGIES B.V.	30/10/2015	DELHI
7	273175	8359/DELNP/2007	01/04/2005	01/04/2005	A DRIVE SYSTEM FOR DUAL WHEELS AND A MECHANICAL DRIVE PARTICULARLY IN ROAD ROLLERS	BONFIGLIOLI RIDUTTORI S.P.A	04/07/2008	DELHI
8	273177	8142/DELNP/2009	07/06/2008	20/06/2007	SUBSTITUTED OXAZOLIDINONES AND THEIR USE	BAYER INTELLECTUAL PROPERTY GMBH	16/07/2010	DELHI
9	273179	8038/DELNP/2007	08/05/2006	13/05/2005	DEVICE AND METHOD FOR GAS FILLING OF A DUCT IN A CONTAINER	ECOLEAN AB	04/07/2008	DELHI
10	273180	7873/DELNP/2008	16/03/2007	20/03/2006	A cathode material for lithium secondary battery and method for preparing the heat treated mixture	LG CHEM, LTD	27/03/2009	DELHI
11	273192	536/DELNP/2007	01/07/2005	02/07/2004	CLIP	INNOVERCE ENGINEERING LTD	17/08/2007	DELHI
12	273195	2252/DELNP/2006	17/08/2004	28/10/2003	COMPACT, INTEGRATED SYSTEM FOR PROCESSING TEST SAMPLES	BIOMERIEUX, INC.	13/07/2007	DELHI

13	273197	569/DEL/2008	07/03/2008 18:21:40		TRANSITION FRAME WITH INTEGRATED COMPRESSION UNIT	ROXTEC AB	13/06/2008	DELHI
14	273201	4179/DELNP/2006	23/12/2004	30/12/2003	RADIO NODE FOR COMMUNICATION IN AN AD-HOC OR MULTI-HOP NETWORK	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	10/08/2007	DELHI
15	273205	941/DELNP/2006	27/08/2004	28/08/2003	METHOD AND APARATUS FOR A BEVERAGE DISPENSING NOZZLE	LANCER PARTNERSHIP, LTD.	26/10/2007	DELHI
16	273206	107/DEL/2010	20/01/2010 15:16:02		AN ACETYLATION METHOD FOR MEASUREMENT OF FUEL ETHANOL PERCENT IN FERMENTED LIQUID.	ANIL KUMAR GUPTA	22/07/2011	DELHI
17	273207	2370/DELNP/2010	02/04/2008	27/09/2007	ULTRAVIOLET ABSORBER	LEAD CHEMICAL CO., LTD.	04/02/2011	DELHI
18	273209	2476/DELNP/2007	10/10/2005	22/10/2004	A METHOD RELATING TO COMBUSTION WITH THE AID OF A GAS BURNER FOR FURNACE HEATING PURPOSES AND A FURNACE HEATING GAS BURNER	SANDVIK INTELLECTUAL PROPERTY AB	03/08/2007	DELHI
19	273211	3340/DELNP/2008	01/11/2006	01/11/2005	FIRE EXTINGUSHING AND FIRE SUPPRESSION COMPOSITONS COMPRISING UNSATURATED FLUOROCARBONS	E.I. DU PONT DE NEMOURS AND COMPANY,	04/07/2008	DELHI
20	273213	6478/DELNP/2008	08/08/2007	05/12/2006	MANGANESE DRY BATTERY	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	24/10/2008	DELHI
21	273214	5910/DELNP/2006	26/03/2004	26/03/2004	A METHOD AND APPARATUSES FOR SENDING MESSAGE TO A MOBILE STATION BY ADDRESSING THE HARDWARE PART	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	13/07/2007	DELHI
22	273215	3922/DELNP/2007	17/12/2004	17/12/2004	APPARATUS AND MEHTOD IN A CELLULAR NETWORK	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	31/08/2007	DELHI
23	273216	1582/DEL/2004	24/08/2004	29/08/2003	Enhanced computer telephony integration and interaction	MICROSOFT TECHNOLOGY LICENSING,LLC	28/07/2006	DELHI
24	273217	6815/DELNP/2007	23/02/2006	03/03/2005	A DIETARY COMPOSITION FOR PREVENTING AND/OR TREATING ALLERGIES	MEIJI CO., LTD.	21/09/2007	DELHI
25	273219	4351/DELNP/2007	12/12/2005	16/12/2004	MODULAR ENERGY ABSORBER AND CONFIGURING METHOD	OAKWOOD ENERGY MANAGEMENT, INC.	24/08/2007	DELHI

26	273221	5428/DELNP/2006	11/03/2005	19/03/2004	COMMUNICATION SYSTEM FOR A MOTOR VEHICLE	AUDI AG,VOLKSWAGENWERK AG	03/08/2007	DELHI
27	273228	8494/DELNP/2010	16/07/2009	16/07/2008	PROCESS AND INSTALLATION FOR DEPOSITING FILMS SIMULTANEOUSLY ONTO BOTH SIDES OF A SUBSTRATE	AGC GLASS EUROPE S.A.	02/03/2012	DELHI
28	273229	3274/DELNP/2010	03/10/2008	07/11/2007	NON-FAT DRY MILK PRODUCTION PROCESSES FOR CHEESEMAKING	LEPRINO FOODS COMPANY	15/10/2010	DELHI
29	273230	1721/DELNP/2010	29/07/2008	31/08/2007	METHOD OF INHIBITING POLYMERIZATION AND FOULING IN ACRYLIC ACID AND ACRYLATE PROCESSES	ARKEMA INC.	13/08/2010	DELHI
30	273231	573/DELNP/2009	25/07/2007	25/07/2006	N-TERMINAL DERIVATISATION OF PROTEINS WITH POLYSACCHARIDES	LIPOXEN TECHNOLOGIES LIMITED	12/06/2009	DELHI
31	273234	9417/DELNP/2008	09/05/2007	30/05/2006	METHOD FOR PRODUCING PENTAFLUOROETHANE	ARKEMA FRANCE	27/03/2009	DELHI
32	273235	3414/DEL/2005	20/12/2005	22/12/2004	SYSTEM AND METHOD FOR NONDESCTRUCTIVE INSPECTION OF TURBINES	GENERAL ELECTRIC COMPANY	02/10/2009	DELHI
33	273236	985/DELNP/2007	07/07/2005	10/08/2004	COATING COMPOSITION, COATING AND AN OBJECT COATED WITH THE COATING COMPOSITION	DSM IP ASSETS B.V.	03/08/2007	DELHI
34	273237	3997/DELNP/2011	02/11/2009	18/12/2008	IMPROVEMENT IN ENHANCED OIL RECOVERY BY POLYMER WITHOUT SUPPLEMENTARY EQUIPMENT OR PRODUCT	S.P.C.M. SA	06/04/2012	DELHI
35	273241	6481/DELNP/2010	24/02/2009	14/03/2008	SYNBIOTIC MIXTURE	NESTEC S.A.	29/07/2011	DELHI
36	273243	2392/DEL/2004	30/11/2004		A SYSTEM FOR MINIMIZING LEAK OF THE DISTENDING MEDIUM BY THE SIDE OF THE ENDOSCOPE	ATUL KUMAR,ALKA KUMAR	31/07/2009	DELHI
37	273244	4665/DELNP/2006	11/04/2005	16/04/2004	METHODS FOR DETERMINING FLOW RATES OF BIOLOGICAL FLUIDS	BAXTER INTERNATIONAL INC.	24/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	273153	1070/MUMNP/2010	13/02/2009	13/02/2008	WHITE BALANCE CALIBRATION FOR DIGITAL CAMERA DEVICE	QUALCOMM INCORPORATED	24/09/2010	MUMBAI
2	273154	2392/MUM/2010	27/08/2010 15:20:35		TUNABLE DISTRIBUTED HARMONIC VOLTAGE CONTROLLED OSCILLATOR FOR GENERATING SECOND AND THIRD HARMONIC MICROWAVE SIGNALS	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	06/09/2013	MUMBAI
3	273155	1451/MUM/2010	07/05/2010 16:02:27		DISTRIBUTED OSCILLATOR FOR GENERATING A HIGH FREQUENCY THIRD HARMONIC MICROWAVE SIGNAL HAVING HIGH POWER OUTPUT	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	10/08/2012	MUMBAI
4	273156	823/MUMNP/2009	18/10/2007	27/10/2006	PRODUCTION METHOD AND PRODUCTION APPARATUS FOR A PLASMA DISPLAY PANEL	ULVAC INC	03/07/2009	MUMBAI
5	273162	132/MUM/2011	14/01/2011 15:34:20		WASTE TREATMENT PLANT AND METHOD THEREOF	AZIZ SHOHREH	17/08/2012	MUMBAI
6	273164	1774/MUMNP/2009	16/04/2008	16/04/2007	POSITIONING AND TRANSMITTING SYSTEM	QUALCOMM INCORPORATED	19/03/2010	MUMBAI
7	273167	1945/MUMNP/2007	21/04/2006	22/04/2005	A COMPOSITION FREE FROM PRESERVING AGENT AND PARTICLES	LABORATOIR ES THEA	21/12/2007	MUMBAI
8	273168	2166/MUMNP/2009	31/05/2008	01/06/2007	A METHOD AND APPARATUS FOR CONTROLLING SYNCHRONIZATION OF BUS TRANSACTIONS TO REMOTE DEVICES	QUALCOMM INCORPORATED	04/06/2010	MUMBAI
9	273178	307/MUMNP/2010	29/08/2008	31/08/2007	A DEVICE AND METHOD FOR OPTIMIZING THE DECODING OF CABAC BITSTREAM	QUALCOMM INCORPORATED	16/07/2010	MUMBAI

10	273181	1831/MUM/2007	20/09/2007		A SOLAR POWERED SYSTEM FOR CONTROLLING FLOW OF WATER IN A CHANNEL	KELKAR PADMAKAR WAMAN	03/07/2009	MUMBAI
11	273183	1967/MUMNP/2010	14/03/2009	28/03/2008	METHOD AND DEVICE FOR COMPENSATING AMPLIFICATION VARIATIONS IN AN AMPLIFIER CIRCUIT	EADS DEUTSCHLAND GMBH	21/01/2011	MUMBAI
12	273184	1311/MUMNP/2011	30/10/2009	01/12/2008	A METHOD FOR PRODUCING SYNTHETIC GAS FROM FROM BIOMASS BY HIGH TEMPERATURE GASIFICATION,	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO. LTD.	17/08/2012	MUMBAI
13	273189	1086/MUMNP/2010	01/09/2008	08/11/2007	A RED AND GREEN DRY ADHESIVE, A METHOD PRODUCING THE SAME	WUHAN KEDA MARBLE PROTECTIVE MATERIALS CO. LTD.	07/10/2011	MUMBAI
14	273191	1407/MUMNP/2008	15/12/2006	20/12/2005	SELECTOR UNIT FOR SHIFTING A VEHICLE TRANSMISSION	LEMFOERDER ELECTRONIC GMBH	10/10/2008	MUMBAI
15	273196	2108/MUMNP/2009	29/05/2008	01/06/2007	METHOD AND NETWORK CONTROLLER FOR ESTIMATING A POSITION OF THE RE-DEPLOYABLE BASE STATION	QUALCOMM INCORPORATED	18/06/2010	MUMBAI
16	273204	3546/MUM/2011	16/12/2011 12:47:40		SYNTHESIS OF CALCIUM CARBONATE NANOPARTICLES BY NEW RECYCLE REACTOR USING CAVITATION TECHNIQUE.	DR SHIRISH H. SONAWANE	02/08/2013	MUMBAI
17	273212	741/MUMNP/2008	30/10/2006	31/10/2005	FORMULATIONS COMPRISING JORUMYCIN-, RENI ERAMYCIN-, SAFRACIN- OR SAFRAMYCIN-RELATED COMPOUNDS FOR TREATING PROLIFERATIVE DISEASES	PHARMA MAR, S. A.	04/07/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	273151	5872/CHENP/2007	19/05/2006	21/05/2005	AN ACTUATING DEVICE FOR A RAPID COUPLING	WEH, ERWIN,WEH, WOLFGANG	27/06/2008	CHENNAI
2	273158	4574/CHENP/2008	29/11/2006	03/03/2006	A RESORCINOL RESIN-BLOCKED ISOCYANATE COMPOSITION AND A PROCESS FOR PREPARING IT	INDSPEC CHEMICAL CORPORATION	13/03/2009	CHENNAI
3	273163	783/CHE/2006	28/04/2006	29/04/2005	ELECTRIC POWER CONVERTER	ABB TECHNOLOGY AG	28/12/2007	CHENNAI
4	273166	3741/CHENP/2009	05/01/2008	08/01/2007	AN APPARATUS AND A METHOD FOR PROVIDING AN ENCODED MEDIA STREAM WITH TRANSCODING INFORMATION	Nokia Corporation	29/06/2012	CHENNAI
5	273170	1571/CHE/2005	28/10/2005		A CIRCULAR KNITTING PIN	T.A. DEVAGNANAM	28/09/2007	CHENNAI
6	273173	364/CHE/2009	19/02/2009 14:54:00		SYSTEM AND METHOD FOR IMPLEMENTING CONTRACTUAL DOCUMENTATION	TRUSTED TECHNOLOGY SOLUTIONS PRIVATE LIMITED	31/07/2009	CHENNAI
7	273176	6228/CHENP/2008	08/05/2007	23/06/2006	PLUGGABLE SURGE ARRESTER COMPRISING ONE OR SEVERAL OVERVOLTAGE ELEMENTS	DEHN+SOHNE GMBH+CO.KG	27/03/2009	CHENNAI
8	273182	1120/CHENP/2008	21/07/2006	08/08/2005	ELECTRIC IMPEDANCE IMAGING SYSTEM	KONINKLIJKE PHILIPS ELECTRONICS N.V.	12/09/2008	CHENNAI
9	273185	5076/CHENP/2008	22/03/2007	24/03/2006	SEAT	Herman Miller Inc.	20/03/2009	CHENNAI
10	273187	4144/CHENP/2008	09/02/2007	09/02/2006	EASY-OPEN END	TOYO SEIKAN KAISHA, LTD.	13/03/2009	CHENNAI
11	273188	2033/CHENP/2008	23/10/2006	25/10/2005	VERSATILE ADDITIVES FOR WELL CEMENTING APPLICATIONS	PRAD RESEARCH AND DEVELOPMENT LIMITED	27/02/2009	CHENNAI
12	273193	2584/CHENP/2009	29/11/2007	01/12/2006	A METHOD THAT FACILITATES TRANSMITTING CONTROL INFORMATION UPON A REVERSE LINK IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	02/04/2010	CHENNAI

13	273194	5552/CHENP/2008	06/03/2007	15/03/2006	CATALYST COMPOSITION REDUCING GASOLINE SULFUR CONTENT IN CATALYTIC CRACKING PROCESS	BASF Catalysts LLC	20/03/2009	CHENNAI
14	273198	1475/CHE/2009	24/06/2009 14:52:55		THE OPPOSED ROTOR, DIRECT DRIVE AND CAGED TOWER MOUNTED VERTICAL AXIS WIND GENERATOR	C. VARADARAJAN	16/10/2009	CHENNAI
15	273199	394/CHENP/2010	20/06/2008	22/06/2007	A WIND TURBINE	VESTAS WIND SYSTEMS A/S	23/07/2010	CHENNAI
16	273200	503/CHE/2010	26/02/2010 12:37:29	28/02/2009	V-BELT CONTINUOUSLY VARIABLE TRANSMISSION	HONDA MOTOR CO., LTD.	10/09/2010	CHENNAI
17	273202	4628/CHENP/2006	07/04/2005	17/06/2004	CABLE AND METHOD OF MAKING THE SAME	3M INNOVATIVE PROPERTIES COMPANY	29/06/2007	CHENNAI
18	273203	4627/CHENP/2006	18/04/2005	17/06/2004	CABLE AND METHOD OF MAKING THE SAME	3M INNOVATIVE PROPERTIES COMPANY	29/06/2007	CHENNAI
19	273208	7307/CHENP/2009	23/06/2008	28/06/2007	BURSTY INTERFERENCE SUPPRESSION FOR COMMUNICATIONS RECEIVERS	Qualcomm Incorporated	18/06/2010	CHENNAI
20	273218	5473/CHENP/2008	11/05/2007	11/05/2007	METHOD FOR STRUCTURING THE SURFACE OF A PRESSED SHEET OR AN ENDLESS STRIP	HUECK ENGRAVING GMBH & CO. KG.	20/03/2009	CHENNAI
21	273222	7622/CHENP/2009	27/06/2008	28/06/2007	INDUCTION SEALING DEVICE FOR HEAT SEALING PACKAGING MATERIAL FOR PRODUCING SEALED PACKAGES OF POURABLE FOOD PRODUCTS	Tetra Laval Holdings & Finance S.A.	09/04/2010	CHENNAI
22	273223	7632/CHENP/2009	27/06/2008	28/06/2007	A METHOD OF INJECTION MOLDING AN OPENING DEVICE AND A SHEET MATERIAL FOR PACKING	Tetra Laval Holdings & Finance S.A.	30/04/2010	CHENNAI
23	273224	7145/CHENP/2009	04/06/2008	05/06/2007	CLOSURE FOR A SEALED CONTAINER OF A POURABLE FOOD PRODUCT, AND METHOD OF PRODUCING THEREOF	Tetra Laval Holdings & Finance S.A.	12/03/2010	CHENNAI

24	273225	7139/CHENP/2009	04/06/2008	05/06/2007	CLOSURE FOR A SEALED CONTAINER OF A POURABLE FOOD PRODUCT AND METHOD OF PRODUCING THEREOF	Tetra Laval Holdings & Finance S.A.	12/03/2010	CHENNAI
25	273226	5890/CHENP/2007	14/06/2006	23/06/2005	SULFIDE DYES	BASF SE	20/06/2014	CHENNAI
26	273233	1792/CHENP/2008	26/09/2006	12/10/2005	METHOD OF PRODUCING RECOMBINANT PROTEIN	ASAHI BREWERIES, LTD	26/12/2008	CHENNAI
27	273239	3218/CHENP/2008	27/11/2006	23/12/2005	GAS-PHASE PROCESS AND APPARATUS FOR THE POLYMERIZATION OF OLEFINS	BASELL POLIOLEFINE ITALIA S.R.L	06/03/2009	CHENNAI
28	273245	1852/CHE/2007	20/08/2007 16:11:10		METHOD OF COMMUNICATING RADIO LINK CONTROL HEADER INFORMATION IN A WIRELESS COMMUNICATION SYSTEM	SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED	15/07/2011	CHENNAI
29	273246	6435/CHENP/2009	27/03/2008	02/04/2007	NOVEL CONDENSED RING AROMATIC COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE HAVING THE SAME	CANON KABUSHIKI KAISHA	26/02/2010	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	273165	4344/KOLNP/2008	19/04/2007	28/04/2006	A METHOD FOR PRODUCING POLYSILICON	GT SOLAR INCORPORATED	06/03/2009	KOLKATA
2	273169	2495/KOLNP/2008	07/09/2006	29/12/2005	METHOD AND DEVICE FOR THE CONFIGURATION OF NEW AND MODIFIED SERVICES IN A SWITCHING UNIT OF AN IP MULTIMEDIA SUBSYSTEM	NOKIA SIEMENS NETWORKS GMBH & CO.KG.	23/01/2009	KOLKATA
3	273171	728/KOLNP/2010	07/08/2008	27/08/2007	PROCESS FOR HIGH TEMPERATURE SOLUTION POLYMERIZATION	NOVA CHEMICALS (INTERNATIONAL) S.A.	06/08/2010	KOLKATA
4	273172	290/KOLNP/2010	19/06/2008	27/06/2007	INDUSTRIAL METHOD FOR THE SYNTHESIS OF 17-ACETOXY-11β-[4-(DIMETHYLAMINO)-PHENYL]-21-METHOXY-19-NORPREGNA-4,9-DIEN-3,20-DIONE AND THE KEY INTERMEDIATES OF THE PROCESS	RICHTER GEDEON NYRT	16/07/2010	KOLKATA
5	273174	3246/KOLNP/2007	02/03/2006	15/03/2005	A METHOD FOR PRODUCING AN ADSORPTION HEAT EXCHANGER	SORTECH AG.	23/05/2008	KOLKATA
6	273186	2067/KOLNP/2008	03/11/2006	03/11/2005	AMINOPYRIMIDINES USEFUL AS KINASE INHIBITORS	VERTEX PHARMACEUTICALS INCORPORATED	16/01/2009	KOLKATA
7	273190	503/KOLNP/2009	07/08/2007	07/08/2006	PROCESS FOR THE PREPARATION OF SUBSTITUTED-1,2,3,4-TETRAHYDROISOQUINOLINE DERIVATES	JANSSEN PHARMACEUTICA, N.V.	15/05/2009	KOLKATA
8	273210	897/KOL/2005	28/09/2005		IMAGE CLASSIFICATION TO GRAPH/PHOTO	YAHOO! INC.	13/07/2007	KOLKATA
9	273220	1413/KOLNP/2009	28/11/2007	30/11/2006	NOVEL INHIBITORS OF GLUTAMINYL CYCLASE	PROBIODRUG AG	29/05/2009	KOLKATA

10	273227	3523/KOLNP/2007	15/03/2006	16/03/2005	DATA STORAGE DEVICES AND METHODS	GENERAL ELECTRIC COMPANY	21/03/2008	KOLKATA
11	273232	2856/KOLNP/2009	04/02/2008	09/02/2007	AZABICYCLOALKANE DERIVATIVES, PREPARATION THEREOF AND USE THEREOF IN THERAPY	SANOFI-AVENTIS	11/09/2009	KOLKATA
12	273238	64/KOLNP/2011	07/07/2009	16/07/2008	HETEROPHASIC POLYMER COMPOSITION OF HIGH STIFFNESS	BOREALIS AG	22/04/2011	KOLKATA
13	273240	1046/KOL/2005	18/11/2005	19/11/2005	BROADCASTING CHANNEL HANDOVER IN MOBILE COMMUNICATION TERMINAL	LG ELECTRONICS INC.	27/07/2007	KOLKATA
14	273242	884/KOLNP/2010	21/10/2008	23/10/2007	HEATING SYSTEM FOR A DOUBLE-OVENIZED OSCILLATOR ON A SINGLE PRINTED CIRCUIT BOARD	VECTRON INTERNATIONAL, INC.	06/08/2010	KOLKATA
15	273247	617/KOLNP/2006	17/09/2004	18/09/2003	A SUBSTANTIALLY PURIFIED SYNTHETIC OR RECOMBINANTLY PRODUCED IMMUNOGLOBULIN POLYPEPTIDE	RAVEN BIOTECHNOLOGIES, INC.	03/08/2007	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT, 2000
SECTION 30
DESIGN ASSIGNMENT

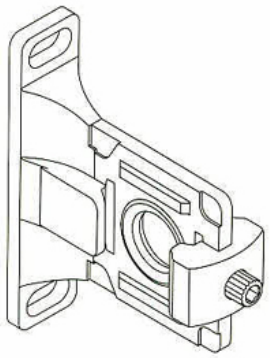
The Design stands in the name of NEWFREY LLC registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
211772 **210266** **211260** **211341** **211773**	**23-02** **23-01** **23-01** **23-01** **23-01**	SPECTRUM BRANDS, INC., A DELAWARE CORPORATION OF 3001 DEMING WAY, MIDDLETON, WI 53562, UNITED STATES OF AMERICA

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	274136
CLASS	15-99
1)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN	
DATE OF REGISTRATION	03/08/2015
TITLE	SPACER WITH BRACKET FOR FLUID PRESSURE DEVICES



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2015-002332	06/02/2015	JAPAN

DESIGN NUMBER	274599
CLASS	24-02
1)GENZYME CORPORATION, A COMPANY OF USA OF 500 KENDALL STREET, CAMBRIDGE, MA 02142, USA	
DATE OF REGISTRATION	18/08/2015
TITLE	PLUNGER AND FINGER-GRIP OF AN INJECTION SYRINGE

PRIORITY

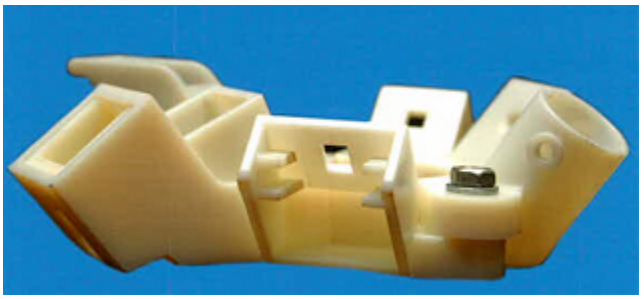
PRIORITY NUMBER	DATE	COUNTRY
29/520,198	12/03/2015	U.S.A.

DESIGN NUMBER	279024
CLASS	31-00
1)MR. HASMUKH M. JAIN, INDIAN NATIONAL, HAVING ITS PRINCIPAL PLACE OF BUSINESS ADDRESS AT 1/8, RAMDAS PADHYE BUILDING, S. K. BOLE ROAD, DADAR-WEST, MUMBAI-400028, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	04/01/2016
TITLE	BASE OF MIXER

PRIORITY NA

DESIGN NUMBER	279460
CLASS	12-11
1)HERO CYCLES LTD HERO NAGAR, G.T. ROAD, LUDHIANA-141003(PUNJAB) INDIA	
DATE OF REGISTRATION	14/01/2016
TITLE	BICYCLE
PRIORITY NA	

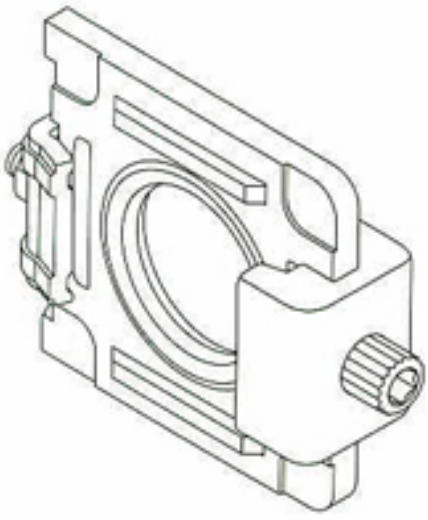
DESIGN NUMBER	273779
CLASS	08-08
1)SANJIB KUMAR MUNSHI HAVING RESIDENCE AT B-705, SHUBHAM CHS, GAURAV GARDEN 2, BUNDER PAKHADI ROAD, KANDIVALI WEST, MUMBAI, MAHARASHTRA, INDIA WITH NATIONALITY AS INDIAN	
DATE OF REGISTRATION	21/07/2015
TITLE	CLAMP FOR ANTENNA
PRIORITY NA	



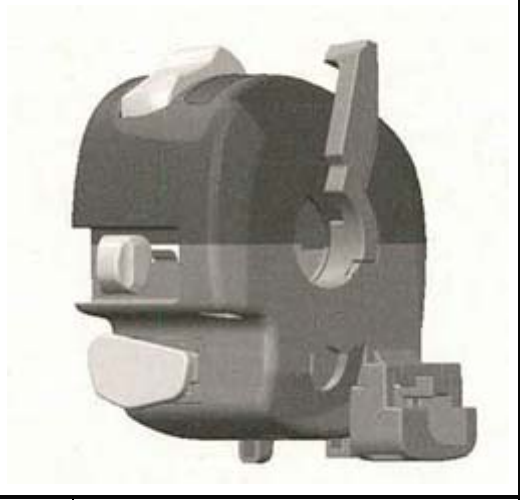
DESIGN NUMBER	274025
CLASS	15-99
1)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN	
DATE OF REGISTRATION	30/07/2015
TITLE	SPACER FOR FLUID PRESSURE DEVICES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2015-002348	06/02/2015	JAPAN



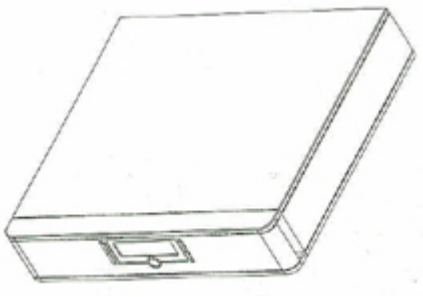
DESIGN NUMBER	279021
CLASS	12-16
1)MINDA INDUSTRIES LIMITED (SWITCH-DIVISION), AN INDIAN COMPANY OF VIII. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA	
DATE OF REGISTRATION	04/01/2016
TITLE	HANDLEBAR SWITCH FOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	236230
CLASS	13-02
1)AMERICAN POWER CONVERSION CORPORATION 132 FARIRGROUND ROAD, WEST KINGSTON, RHODE ISLAND 02892, USA	
DATE OF REGISTRATION	20/04/2011
TITLE	AUDIO/VIDEO UNINTERRUPTIBLE POWER SUPPLY

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/377415	21/10/2010	U.S.A.

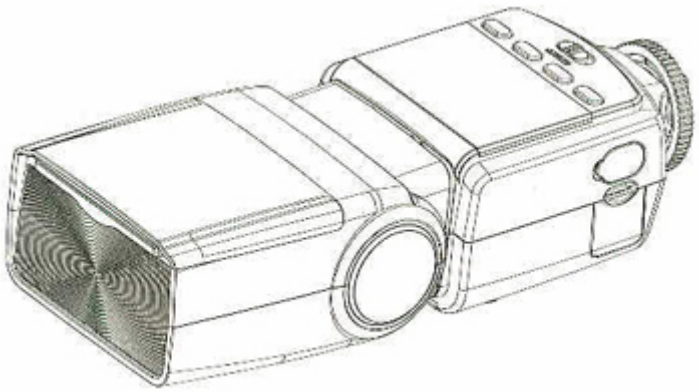


DESIGN NUMBER	274012
CLASS	07-01
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM	
DATE OF REGISTRATION	29/07/2015
TITLE	TUMBLER

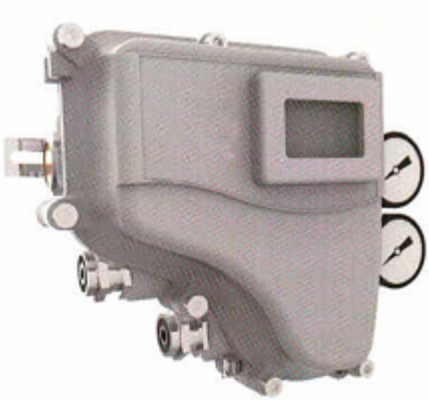
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002655670-0001	16/03/2015	OHIM

DESIGN NUMBER	279394
CLASS	16-05
1)SHENZHEN DBK ELECTRONICS CO.,LTD. 1-5/F, BLOCK 1, JINYUAN COMPANY LONGHUA INDUSTRIAL PARK, LONGGUAN ROAD N., HUALIAN COMMUNITY, LONGHUA SUB-DISTRICT, LONGHUA NEW DISTRICT, SHENZHEN CITY, CHINA	
DATE OF REGISTRATION	12/01/2016
TITLE	CAMERA FLASH
PRIORITY NA	



DESIGN NUMBER	274427
CLASS	23-99
1)FORBES MARSHALL PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT A34/35 H BLOCK, MIDC, PIMPRI, PUNE-411018, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	13/08/2015
TITLE	POSITIONER FOR MEASURING DISPLACEMENT OF A VALVE STEM OF A VALVE ASSEMBLY
PRIORITY NA	



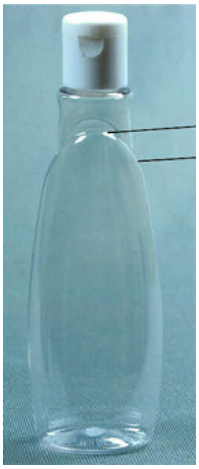
DESIGN NUMBER	278782
CLASS	12-08
1)AUTOMOBILI LAMBORGHINI S.P.A., AN ITALIAN COMPANY OF VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY	
DATE OF REGISTRATION	28/12/2015
TITLE	CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002742981-0001	27/07/2015	OHIM

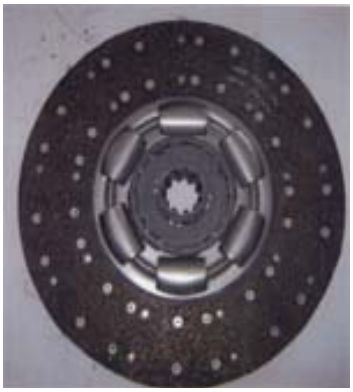
DESIGN NUMBER	278900
CLASS	07-02
1)1) MR. BHARAT JADAVJI SAVLA AND 2) MRS. PRABHA JADAVJI SAVLA, PARTNERS- INDIAN NATIONAL, TRADING AS MAHAVIR ENTERPRISES, A REGISTERED PARTNERSHIP FIRM IN INDIA, HAVING ITS REGISTERED OFFICE AT 1, 2 & 3 SURYA KIRTI INDUSTRIAL ESTATE, SAGAR COMPLEX, CHNINCHPADA, VALIV, VASAI (EAST), THANE-401208, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	30/12/2015
TITLE	CONTAINER FOR STORING HOUSEHOLD FOODSTUFF
PRIORITY NA	

DESIGN NUMBER	278982
CLASS	09-01
1)SAMKIN INDUSTRIES (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT PLOT NO 611, GIDC ESTATE, ANKLESHWAR, PINCODE: 393002, GUJARAT INDIA WHOSE PROPRIETOR IS SAMIR YOGESH TREASURER (INDIAN NATIONAL) OF ABOVE ADDRESS	
DATE OF REGISTRATION	31/12/2015
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	278521
CLASS	04-02
1)PREM MEHANDI CENTRE, FLAT NO. 101, SHREE WHIDE HEIGHTS APPARTMENT, HIRAWADI ROAD, PANCHWATI, NASHIK-422003, STATE OF MAHARASHTRA, (INDIA), AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS: MR. CHUTRARAM NEMARAMJI GEHLOT, INDIAN NATIONALS, OF ABOVE ADDRESS	
DATE OF REGISTRATION	21/12/2015
TITLE	BRUSH
PRIORITY NA	

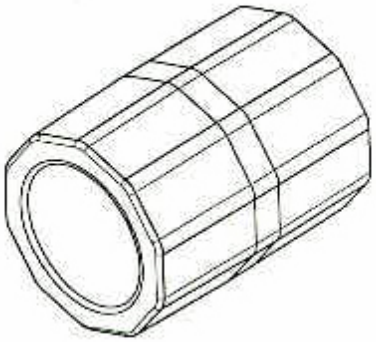
DESIGN NUMBER	227312
CLASS	12-16
1)SETCO AUTOMOTIVE LIMITED, 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	



DESIGN NUMBER	273945
CLASS	23-01
1)LUBRIZOL ADVANCED MATERIALS, INC., A DELAWARE CORPORATION OF 9919 BRECKSVILLE ROAD, CLEVELAND, OHIO 44141-3247, U.S.A.	
DATE OF REGISTRATION	28/07/2015
TITLE	STRAIGHT PIPE FITTING

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/517,509	13/02/2015	U.S.A.

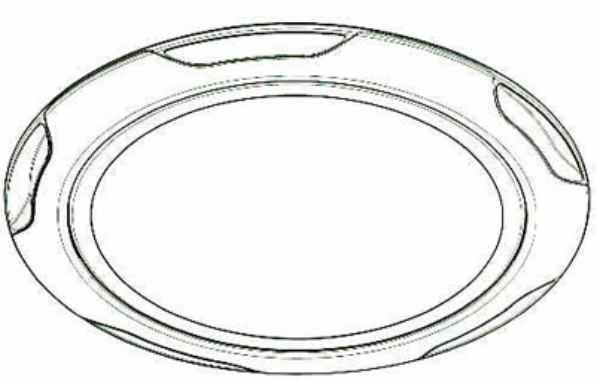


DESIGN NUMBER	279014
CLASS	09-01
1)MR. GHISULAL D. RATHOD, MR. PRADEEP G. RATHOD, MR. PANKAJ G. RATHOD, MR. GAURAV P. RATHOD, MRS. SANGEETA P. RATHOD AND MRS. BABITA P. RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO HOUSEHOLD PRODUCTS, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063	
DATE OF REGISTRATION	01/01/2016
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	279447
CLASS	26-03
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	14/01/2016
TITLE	LUMINAIRE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002738633-0002	17/07/2015	OHIM



DESIGN NUMBER	278913
CLASS	09-01
1)M/S. VAIDHRAJ HERBALS PRIVATE LIMITED (A COMPANY DULY REGISTERED AND INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956)(AN INDIAN NATIONAL), E-45, FIRST FLOOR, PRASHANT VIHAR, NEW DELHI-110085	
DATE OF REGISTRATION	30/12/2015
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	278987
CLASS	09-01
1)PEARL THERMOPLAST PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PLOT NO. 22, S. NO.820(1), DEWAN & SONS UDYOG NAGAR, CHINTUPADA, PALGHAR(W), THANE-401401, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	31/12/2015
TITLE	WATER BOTTLE
PRIORITY NA	

DESIGN NUMBER	227313
CLASS	12-16
1)SETCO AUTOMOTIVE LIMITED. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	278844
CLASS	02-07
1)AMIT DHAWAN (AN INDIAN NATIONAL) OF 8 MANHAR OAK, 14 LITTLE GIBBS ROAD, MALABAR HILL, MUMBAI-400006, INDIA	
DATE OF REGISTRATION	29/12/2015
TITLE	SLIDER FOR ZIPPER
PRIORITY NA	

DESIGN NUMBER	278966
CLASS	12-16
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 2/A, 2ND FLOOR, BHARANI BUSINESS CENTRE, DR. BHANUMATHI RAMKRISHNA ROAD, SALIGRAMAM, CHENNAI 600093, (FORMERLY AT 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNA SALAI, CHENNAI - 600006, STATE OF TAMIL NADU), AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	31/12/2015
TITLE	CHAIN COVER FOR MOTORCYCLE
PRIORITY NA	

DESIGN NUMBER	227307
CLASS	12-16
1)SETCO AUTOMOTIVE LTD. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	275800
CLASS	05-05
1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA'' FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030	
DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	

DESIGN NUMBER	278754
CLASS	08-06
1)HARSHADBHAI KARSANBHAI AJANI (ADULT AND INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT- 6, PARSANA SOCIETY, 50 FEET ROAD, KOTHARIA ROAD, RAJKOT-GUJARAT- (INDIA)	
DATE OF REGISTRATION	28/12/2015
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	275228
CLASS	31-00

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS,
RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	04/09/2015
TITLE	ONION CHOPPER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002655167-0002	16/03/2015	OHIM

DESIGN NUMBER	278001
CLASS	09-03

1)M/S. PARAS LUBRICANTS LTD. (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956), AN INDIAN NATIONAL,
311-312, MANGLAM PARADISE, PLOT NO-8, MANGLAM PLACE, SECTOR-3, ROHINI, DELHI-110085

DATE OF REGISTRATION	01/12/2015
TITLE	CONTAINER

PRIORITY NA

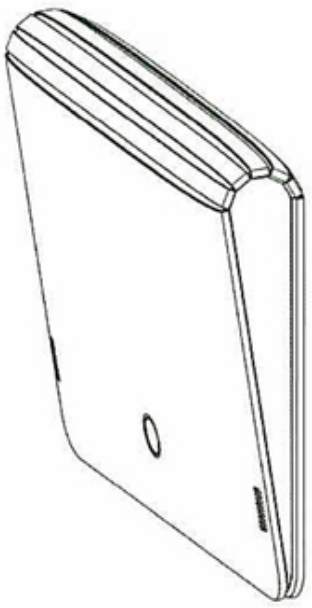
DESIGN NUMBER	278840
CLASS	14-02

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT
128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	29/12/2015
TITLE	TABLET COMPUTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0034241	07/07/2015	REPUBLIC OF KOREA



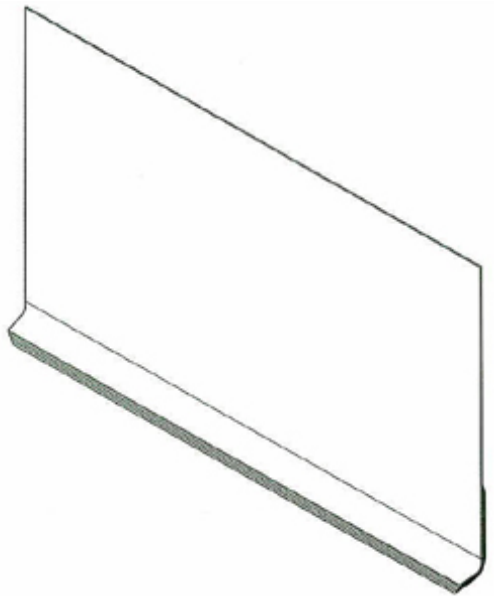
DESIGN NUMBER	227305
CLASS	12-16
1)SETCO AUTOMOTIVE LIMITED. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	272109
CLASS	08-06
1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS: AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA	
DATE OF REGISTRATION	13/05/2015
TITLE	MORTISE HANDLE PLATE
PRIORITY NA	

DESIGN NUMBER	279432
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/01/2016
TITLE	TV RECEIVER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035383	14/07/2015	REPUBLIC OF KOREA

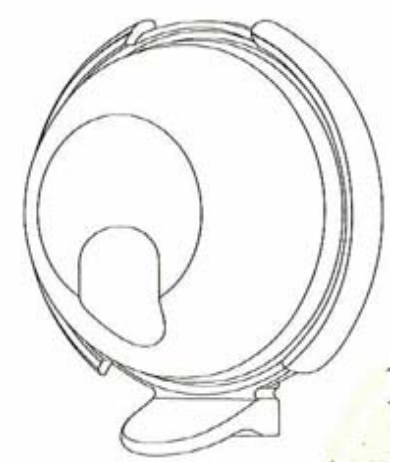


DESIGN NUMBER	274286
CLASS	09-03
1)CHARANJIT SINGH (AN INDIAN NATIONAL) TRADING AS M/S. COSMETICA CORPORATION, 39-B, DLF INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015	
DATE OF REGISTRATION	07/08/2015
TITLE	CONTAINER FOR LIP BALM (SET)
PRIORITY NA	

DESIGN NUMBER	274603
CLASS	24-02
1)MEDELA HOLDING AG, LÄTTICHSTRASSE 4 B, 6340 BAAR, SWITZERLAND, A SWISS COMPANY	
DATE OF REGISTRATION	18/08/2015
TITLE	MEMBRANE FOR A BREASTSHIELD OF A BREAST PUMP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
874300701	20/02/2015	WIPO



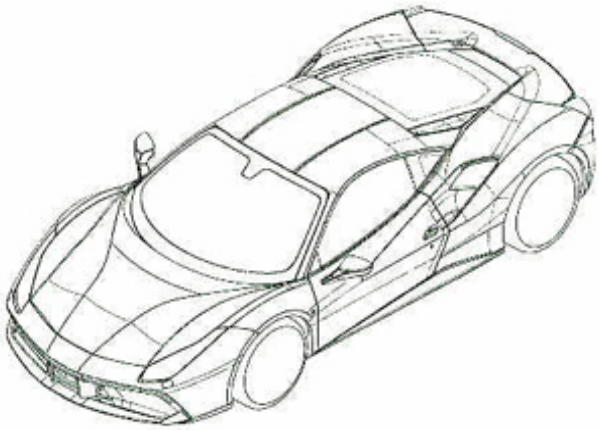
DESIGN NUMBER	278752
CLASS	08-06
1)(1) RAMESHBHAI PANCHABHAI PAMBHAR (2) MAGANBHAI PANCHABHAI PAMBHAR (3) TRIBHOVANBHAI PANCHABHAI PAMBHAR (ALL THE PARTNERS ARE ADULT & INDIAN NATIONALS) PARTNERS OF SHREE KHODIYAR INDUSTRIES (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS 2/8, GOKUL NAGAR, 50, FEET ROAD, RAJKOT-360002 GUJARAT-(INDIA)	
DATE OF REGISTRATION	28/12/2015
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	279028
CLASS	09-01
1)VIRENDRA KUMAR MEHRA, S-14, DHRUV APARTMENTS, SECTOR-13, ROHINI, NEW DELHI-110085, INDIA, AN INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	04/01/2016
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	274084
CLASS	21-01
1)FERRARI S.P.A., AN ITALIAN COMPANY OF VIA EMILIA EST 1163, MODENA, ITALY	
DATE OF REGISTRATION	31/07/2015
TITLE	TOY CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002625780	03/02/2015	OHIM



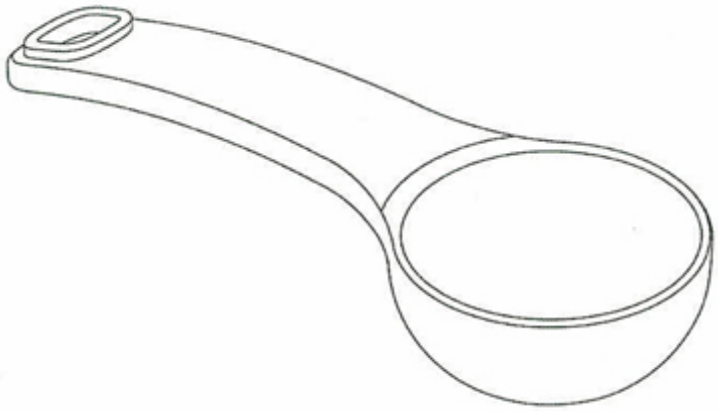
DESIGN NUMBER	278865
CLASS	07-01
1)PEARL THERMOPLAST PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PLOT NO. 22, S. NO.820(1), DEWAN & SONS UDYOG NAGAR, CHINTUPADA, PALGHAR(W), THANE-401401, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	29/12/2015
TITLE	JUG
PRIORITY NA	

DESIGN NUMBER	227308
CLASS	12-16
1)SETCO AUTOMOTIVE LIMITED. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	273851
CLASS	07-03
1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.	
DATE OF REGISTRATION	24/07/2015
TITLE	MEASURING SPOON

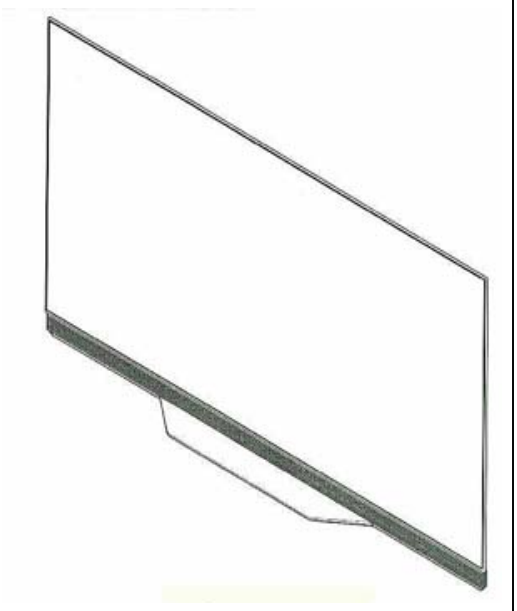
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/474,795	10/02/2015	U.S.A.



DESIGN NUMBER	278800
CLASS	03-01
1)SAVITA RAO, HAVING ITS ADDRESS AT, 214, RAHEJA PALAZA, SHAH INDUSTRIAL ESTATE, OPP. LINK ROAD, ANDHERI (W), MUMBAI 400053, INDIAN NATIONAL	
DATE OF REGISTRATION	28/12/2015
TITLE	HANDBAG
PRIORITY NA	

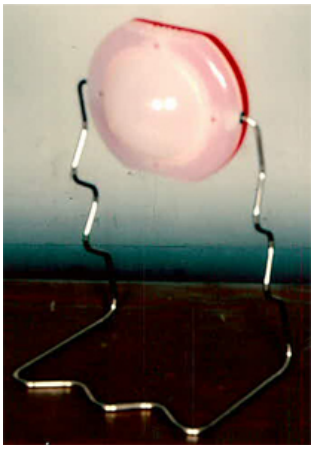
DESIGN NUMBER	279056
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	05/01/2016
TITLE	TV RECEIVER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0034053	07/07/2015	REPUBLIC OF KOREA

DESIGN NUMBER	278978
CLASS	26-05
1)MUKUL KUMAR, 2B, TG-5, ORCHID GARDEN, SUNCITY, SECTOR-54, GURGAON, HARYANA-122005 WHOSE PROPRIETOR IS MUKUL KUMAR (INDIVIDUAL)	
DATE OF REGISTRATION	31/12/2015
TITLE	SOLAR LAMP



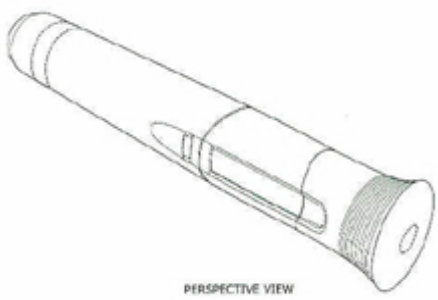
PRIORITY NA

DESIGN NUMBER	270880
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	

DESIGN NUMBER	273406
CLASS	24-02
1)SANOFI-AVENTIS DEUTSCHLAND GMBH, A GERMAN COMPANY OF BRÜNINGSTRASSE 50, 65929 FRANKFURT AM MAIN, GERMANY	
DATE OF REGISTRATION	07/07/2015
TITLE	MEDICAMENT INJECTION DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002 609 784	07/01/2015	OHIM



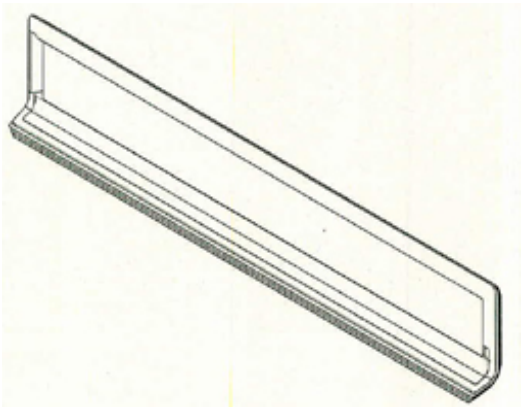
DESIGN NUMBER	227310
CLASS	12-16
1)SETCO AUTOMOTIVE LTD. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE

PRIORITY NA

DESIGN NUMBER	279444
CLASS	14-99
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	14/01/2016
TITLE	STAND FOR TV RECEIVER

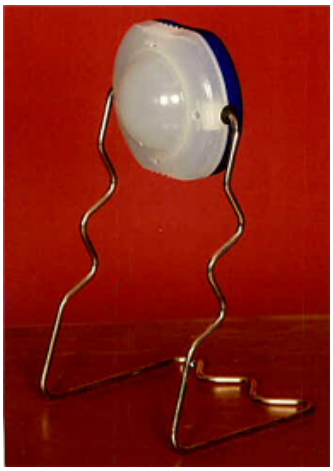
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035388	14/07/2015	REPUBLIC OF KOREA



DESIGN NUMBER	278873
CLASS	15-02
1)ROTOMAG MOTORS & CONTROL PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS: 7/C, VITTHAL UDHYOGNAGAR, ANAND-388121, GUJARAT-INDIA	
DATE OF REGISTRATION	29/12/2015
TITLE	ENCLOSURE FOR SOLAR PUMP CONTROLLER
PRIORITY NA	

DESIGN NUMBER	278979
CLASS	26-05
1)MUKUL KUMAR, 2B, TG-5, ORCHID GARDEN, SUNCITY, SECTOR-54, GURGAON, HARYANA-122005 WHOSE PROPRIETOR IS MUKUL KUMAR (INDIVIDUAL)	
DATE OF REGISTRATION	31/12/2015
TITLE	SOLAR LAMP
PRIORITY NA	

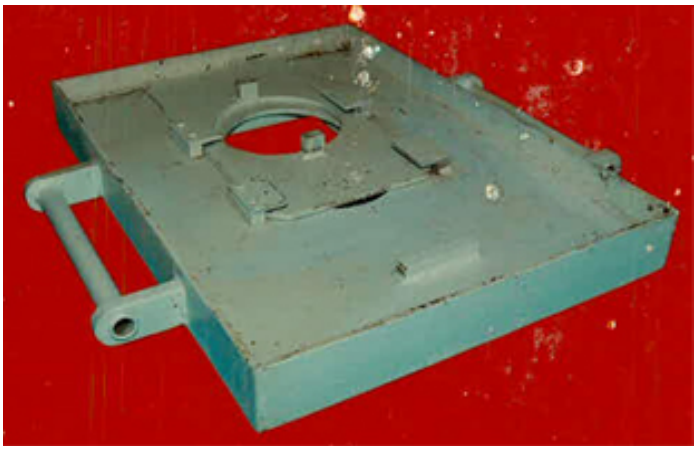


DESIGN NUMBER	227311
CLASS	12-16
1)SETCO AUTOMOTIVE LTD. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

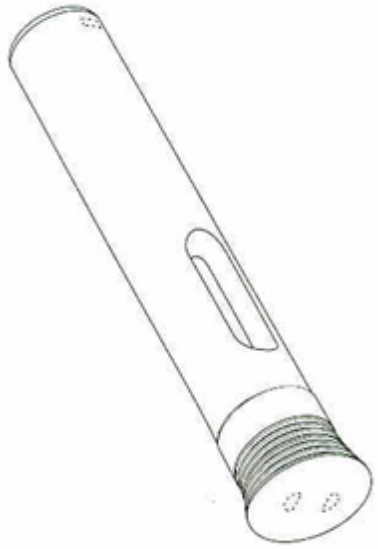
DESIGN NUMBER	278869
CLASS	08-07
1)ANWAR AHMAD, S/O HAJI SHRI ABDUL JABBAR HAVING ADDRESS: MAQDOOM ROAD, TURKMAN GATE, ALIGARH (U.P.) (INDIA), NATIONALITY-INDIAN	
DATE OF REGISTRATION	29/12/2015
TITLE	LOCK
PRIORITY NA	

DESIGN NUMBER	278976
CLASS	26-05
1)MUKUL KUMAR, 2B, TG-5, ORCHID GARDEN, SUNCITY, SECTOR-54, GURGAON, HARYANA-122005 WHOSE PROPRIETOR IS MUKUL KUMAR (INDIVIDUAL)	
DATE OF REGISTRATION	31/12/2015
TITLE	SOLAR LAMP
PRIORITY NA	

DESIGN NUMBER	270879
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	



DESIGN NUMBER	273404
CLASS	24-02
1)SANOFI-AVENTIS DEUTSCHLAND GMBH, A GERMAN COMPANY OF BRÜNINGSTRASSE 50, 65929 FRANKFURT AM MAIN, GERMANY	
DATE OF REGISTRATION	07/07/2015
TITLE	MEDICAMENT INJECTION DEVICE



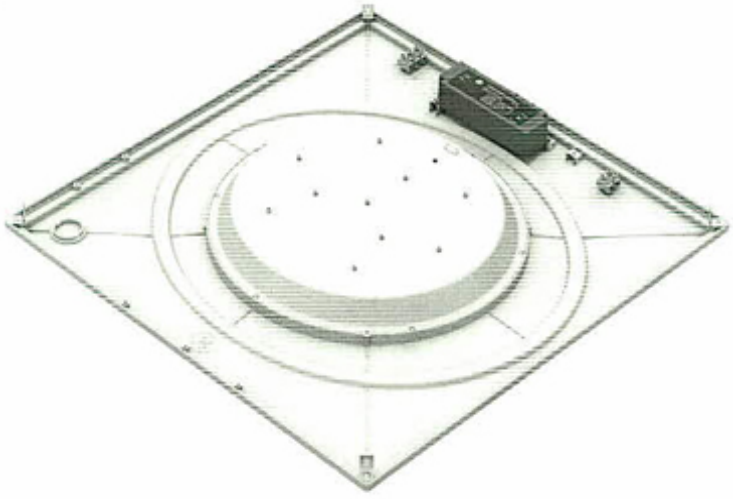
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002609784	07/01/2015	OHIM

DESIGN NUMBER	227309
CLASS	12-16
1)SETCO AUTOMOTIVELIMITED 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE

PRIORITY NA

DESIGN NUMBER	279206
CLASS	26-05
1)GE INDIA INDUSTRIAL PVT LTD PLOT NO: 42/1 & 45/14, ELECTRONIC CITY PHASE II, BANGALORE - 560 100, KARNATAKA, INDIA	
DATE OF REGISTRATION	07/01/2016
TITLE	LIGHTING FIXTURE

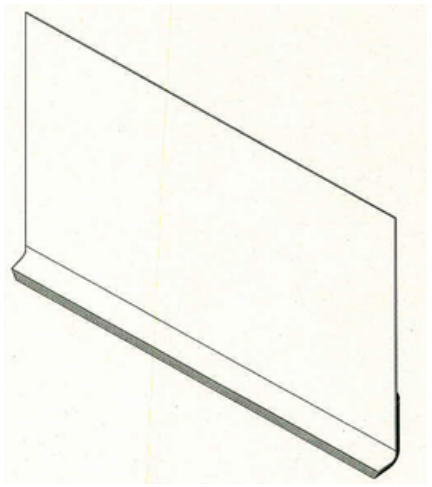


PRIORITY NA

DESIGN NUMBER	279443
CLASS	14-01

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	14/01/2016
TITLE	TV RECEIVER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035384	14/07/2015	REPUBLIC OF KOREA

DESIGN NUMBER	277300
CLASS	23-01

1)MR. RAJESH GUPTA, AN INDIAN NATIONAL, WHOSE ADDRESS IS D-18, SECTOR-5, DSIDC INDUSTRIAL AREA, BAWANA, DELHI-110039 (INDIA)

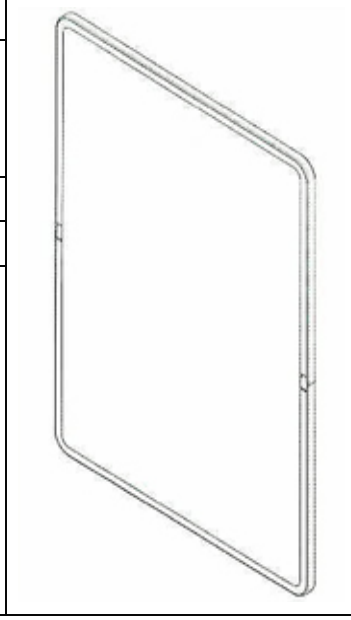
DATE OF REGISTRATION	04/11/2015
TITLE	WATER PURIFIER

PRIORITY NA

DESIGN NUMBER	278833
CLASS	14-02

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	29/12/2015
TITLE	TABLET COMPUTER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0034238	07/07/2015	REPUBLIC OF KOREA

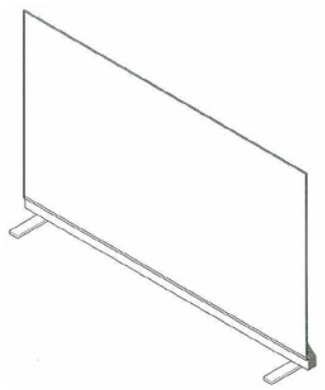
DESIGN NUMBER	279428
CLASS	14-01

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT
128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	13/01/2016
TITLE	TV RECEIVER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035309	14/07/2015	REPUBLIC OF KOREA

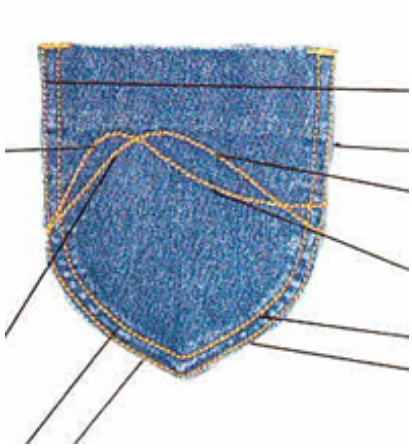


DESIGN NUMBER	268324
CLASS	02-02

1)ADITYA BIRLA RETAIL LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 OF
SKYLINE ICON, 5TH AND 6TH FLOOR, 86/92 NEAR MITTAL INDUSTRIAL ESTATE, ANDHERI KURLA ROAD, ANDHERI (EAST) MUMBAI-400059, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	22/12/2014
TITLE	POCKET FOR GARMENTS

PRIORITY NA



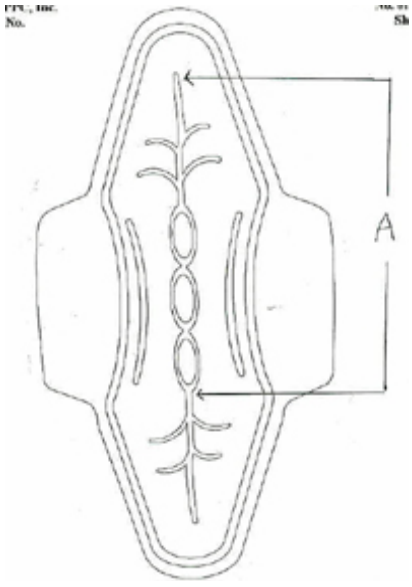
DESIGN NUMBER	270760
CLASS	24-04

1)MCNEIL-PPC, INC., A CORPORATION OF THE STATE OF NEW JERSEY, OF
199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, U.S.A.

DATE OF REGISTRATION	30/03/2015
TITLE	ABSORBENT ARTICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/503,898	30/09/2014	U.S.A.



DESIGN NUMBER	278835
CLASS	14-02

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT
128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	29/12/2015
TITLE	TABLET COMPUTER

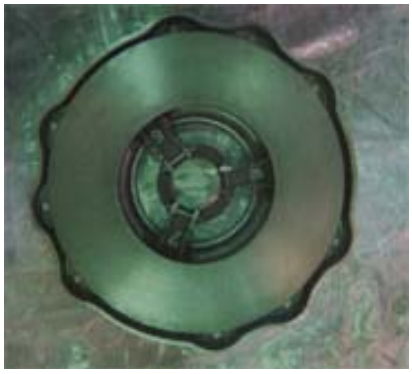
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0034239	07/07/2015	REPUBLIC OF KOREA

DESIGN NUMBER	227303
CLASS	12-16

1)SETCO AUTOMOTIVE LIMITED.
2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA

DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE

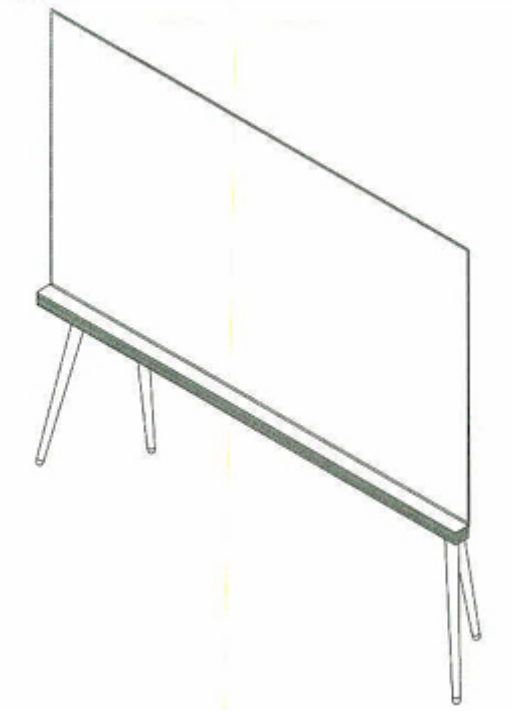


PRIORITY NA

DESIGN NUMBER	279429
CLASS	14-01

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT
128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	13/01/2016
TITLE	TV RECEIVER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035310	14/07/2015	REPUBLIC OF KOREA

DESIGN NUMBER	278837
CLASS	14-02

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT
128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA

DATE OF REGISTRATION	29/12/2015
TITLE	TABLET COMPUTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0034240	07/07/2015	REPUBLIC OF KOREA

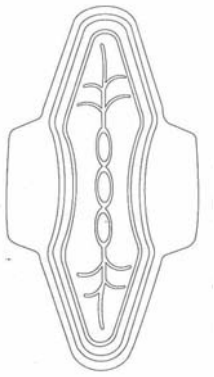
DESIGN NUMBER	270761
CLASS	24-04

1)MCNEIL-PPC, INC., A CORPORATION OF THE STATE OF NEW JERSEY, OF
199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, U.S.A.

DATE OF REGISTRATION	30/03/2015
TITLE	ABSORBENT ARTICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/503,898	30/09/2014	U.S.A.



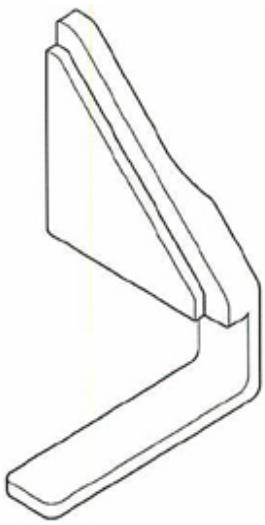
DESIGN NUMBER	227304
CLASS	12-16

1)SETCO AUTOMOTIVE LIMITED.
2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA

DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE

PRIORITY NA

DESIGN NUMBER	279430
CLASS	14-99
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/01/2016
TITLE	STAND FOR TV RECEIVER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035311	14/07/2015	REPUBLIC OF KOREA

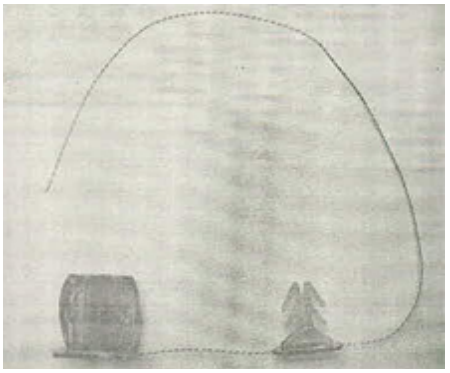
DESIGN NUMBER	274781
CLASS	06-03
1)POLYSET PLASTICS PVT. LTD., INDIAN COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956, WHOSE ADDRESS IS 901-906, 9TH FLOOR, I. B. PATEL ROAD, GOREGAON (E), MUMBAI-63, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	24/08/2015
TITLE	TABLE

PRIORITY NA

DESIGN NUMBER	278825
CLASS	06-11
1)AMAN KUMAR SINGHAL (INDIVIDUAL), A-2/53, 3RD FLOOR, SECTOR-11, ROHINI, DELHI-110085, AN INDIAN NATIONAL	
DATE OF REGISTRATION	29/12/2015
TITLE	FOOTMAT

PRIORITY NA

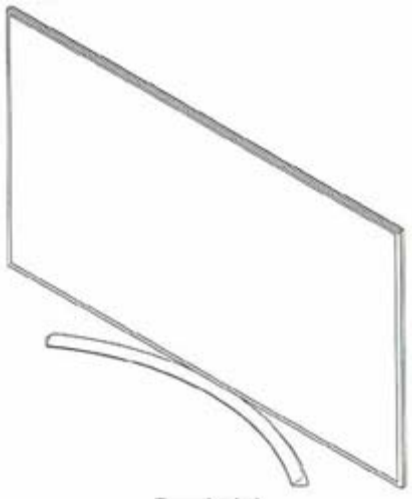
DESIGN NUMBER	271649
CLASS	08-07
1)RAMSON INDUSTRIES., AN INDIAN COMPANY, AT 2/55, JADAVGARH, KOLKATA-700078, WEST BENGAL, INDIA	
DATE OF REGISTRATION	23/04/2015
TITLE	SEAL
PRIORITY NA	



DESIGN NUMBER	279058
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	05/01/2016
TITLE	TV RECEIVER

PRIORITY

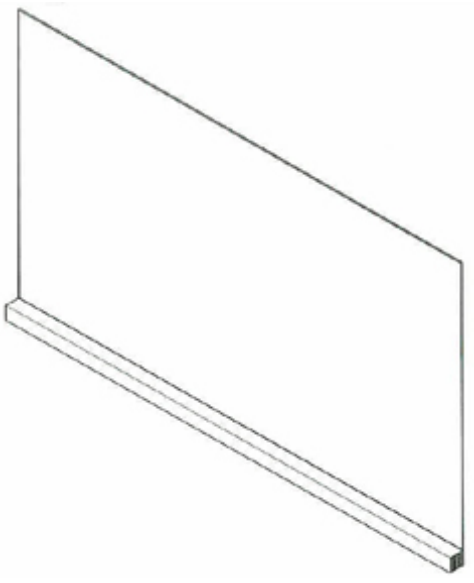
PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035186	13/07/2015	REPUBLIC OF KOREA



DESIGN NUMBER	279426
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/01/2016
TITLE	TV RECEIVER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035307	14/07/2015	REPUBLIC OF KOREA



DESIGN NUMBER	274675
CLASS	10-07
1)SWATCH AG (SWATCH SA) (SWATCH LTD), A SWISS COMPANY OF JAKOB-STÄMPFLI-STRASSE 94, CH-2502 BIEL/BIENNE, SWITZERLAND	
DATE OF REGISTRATION	20/08/2015
TITLE	WATCH BRACELET

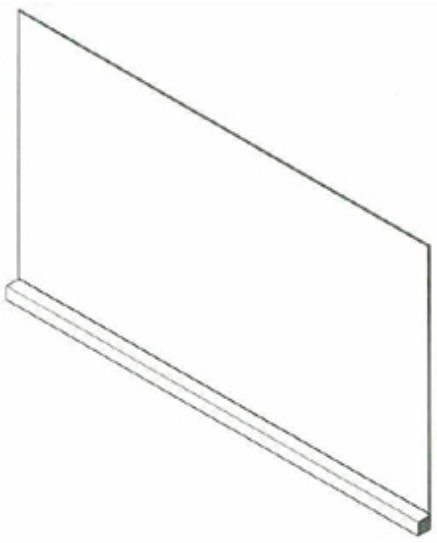
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/085694	23/02/2015	WIPO

DESIGN NUMBER	278806
CLASS	06-01
1)A. ASOKAN, INDIAN CITIZEN, M/S. FRIENDS POLYPLAST, KRISHNASWAMY TEMPLE ROAD, CHELAMATTOM, PERUMBAVOOR-683550, ERNAKULAM DISTRICT, KERALA STATE	
DATE OF REGISTRATION	28/12/2015
TITLE	CHAIR

PRIORITY NA

DESIGN NUMBER	279425
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/01/2016
TITLE	TV RECEIVER



PRIORITY

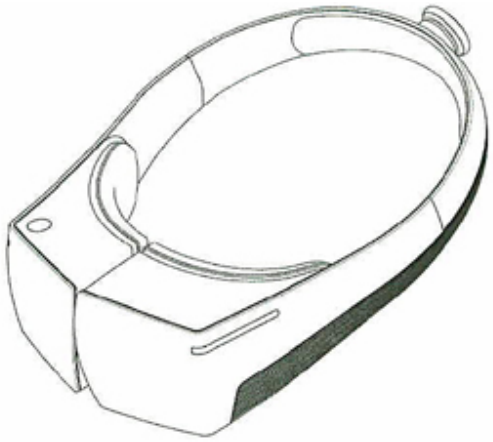
PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035306	14/07/2015	REPUBLIC OF KOREA

DESIGN NUMBER	274787
CLASS	26-04
1)M/S VSAVE ELECTRONICS PVT. LTD., WHOSE ADDRESS C-41, SECTOR-58, NOIDA-201301 U.P., INDIA, INDIAN	
DATE OF REGISTRATION	24/08/2015
TITLE	LED BULB
PRIORITY NA	

DESIGN NUMBER	278831
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	29/12/2015
TITLE	HEAD MOUNTED DISPLAY DEVICE

PRIORITY

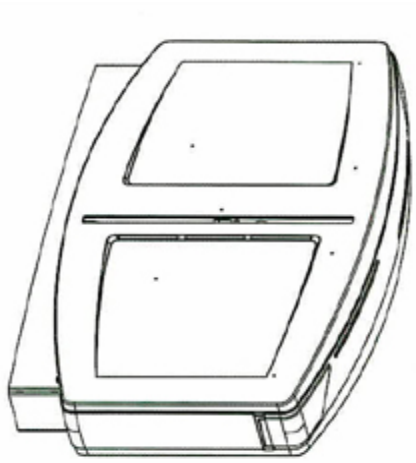
PRIORITY NUMBER	DATE	COUNTRY
30-2015-0033356	01/07/2015	REPUBLIC OF KOREA



DESIGN NUMBER	271712
CLASS	25-02
1)GUNNEBO ENTRANCE CONTROL LTD OF THE ADDRESS: BELLBROOK BUSINESS PARK UCKFIELD-TN22 1QQ, UNITED KINGDOM, NATIONALITY: UNITED KINGDOM	
DATE OF REGISTRATION	27/04/2015
TITLE	MOTORIZED ACCES GATE FOR PASSENGERS

PRIORITY

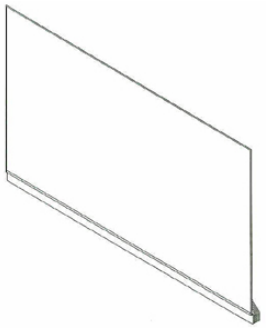
PRIORITY NUMBER	DATE	COUNTRY
002623876-0001-0006	30/01/2015	OHIM



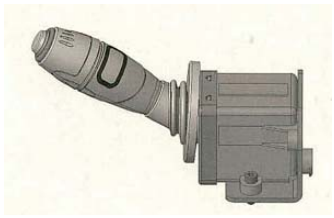
DESIGN NUMBER	279427
CLASS	14-01
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERED OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 07336, REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/01/2016
TITLE	TV RECEIVER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0035308	14/07/2015	REPUBLIC OF KOREA



DESIGN NUMBER	279018
CLASS	12-16
1)MINDA INDUSTRIES LIMITED (SWITCH-DIVISION), AN INDIAN COMPANY OF VIII. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA	
DATE OF REGISTRATION	04/01/2016
TITLE	LEVER COMBINATION SWITCH FOR VEHICLE
PRIORITY NA	



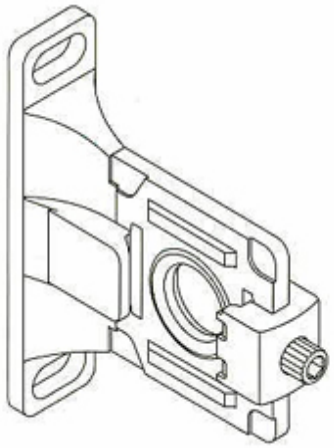
DESIGN NUMBER	279451
CLASS	09-01
1)ADARSH GANDHI, B-245, DERAWAL NAGAR, DELHI-110009, INDIA AN INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	14/01/2016
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	271598
CLASS	12-16
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057	
DATE OF REGISTRATION	22/04/2015
TITLE	TAIL LIGHT LENS FOR A TWO WHEELED VEHICLE
PRIORITY NA	

DESIGN NUMBER	272390
CLASS	12-16
1)MR. KEWAL KRISHAN AULUCK, HAVING ITS REGISTERED OFFICE AT PLOT NO. 15, POCKET N-1, SECTOR-5, D.S.I.I.D.C. INDUSTRIAL AREA, BAWANA, DELHI-110039, INDIA	
DATE OF REGISTRATION	27/05/2015
TITLE	GAS SPRINGS FOR AUTOMOBILES
PRIORITY NA	

DESIGN NUMBER	274322
CLASS	13-03
1)JASBIR SINGH, E-20/1, MAIN ROAD, SANT GARH, TILAK NAGAR, NEW DELHI-110018, INDIA AN INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	10/08/2015
TITLE	CLUTCH PLATE FOR ELECTRIC MOTOR
PRIORITY NA	

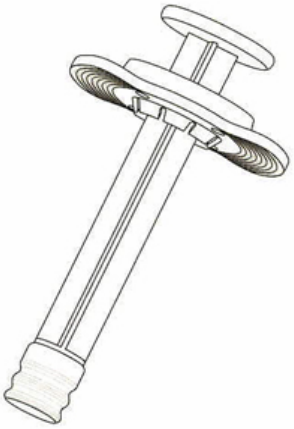
DESIGN NUMBER	274139
CLASS	15-99
1)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN	
DATE OF REGISTRATION	03/08/2015
TITLE	SPACER WITH BRACKET FOR FLUID PRESSURE DEVICES



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2015-002335	06/02/2015	JAPAN

DESIGN NUMBER	274600
CLASS	24-02
1)GENZYME CORPORATION, A COMPANY OF USA OF 500 KENDALL STREET, CAMBRIDGE, MA 02142, USA	
DATE OF REGISTRATION	18/08/2015
TITLE	PLUNGER AND FINGER-GRIP OF AN INJECTION SYRINGE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/520,199	12/03/2015	U.S.A.

DESIGN NUMBER	279026
CLASS	23-01
1)MR. RAJESH GUPTA, DIRECTOR OF M/S P-ZONE ELECTRONICS PVT. LTD. (COMPANY INCORPORATED UNDER COMPANIES ACT) INDIAN WHOSE ADDRESS IS D-18, SECTOR-5, DSIDC INDUSTRIAL AREA, BAWANA, DELHI-110039 (INDIA)	
DATE OF REGISTRATION	04/01/2016
TITLE	WATER PURIFIER

PRIORITY NA

DESIGN NUMBER	279396
CLASS	16-05

1)SHENZHEN DBK ELECTRONICS CO.,LTD.
1-5/F, BLOCK 1, JINYUAN COMPANY LONGHUA INDUSTRIAL PARK, LONGGUAN ROAD N., HUALIAN COMMUNITY, LONGHUA SUB-DISTRICT, LONGHUA NEW DISTRICT, SHENZHEN CITY, CHINA

DATE OF REGISTRATION	12/01/2016
TITLE	CAMERA FLASH

PRIORITY NA

DESIGN NUMBER	278999
CLASS	06-03

1)MR. ARUN KALANI (PARTNER), NATIONALITY INDIAN TRADING AS THAR ART EXPORTS (A GOVT. RECOGNIZED EXPORT HOUSE) (INDIAN) WHOES ADDRESS IS
S.P.-02 E.P.I.P., BORANADA, JODHPUR-342012, RAJASTHAN (INDIA)

DATE OF REGISTRATION	01/01/2016
TITLE	TV CABINET

PRIORITY NA

DESIGN NUMBER	273066
CLASS	09-03

1)THE GILLETTE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT
ONE GILLETTE PARK, BOSTON, MASSACHUSETTS, 02127 UNITED STATES OF AMERICA

DATE OF REGISTRATION	24/06/2015
TITLE	RAZOR PACKAGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/513,080	26/12/2014	U.S.A.

DESIGN NUMBER	278992
CLASS	09-01
1)SSG PHARMA PRIVATE LIMITED, A PRIVATE LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, WHOSE ADDRESS IS PLOT NO. 17, IIND FLOOR, SACHDEVA CORPORATE TOWER, COMMUNITY CENTRE, NEAR DAYANAND VIHAR PETROL PUMP, KARKARDOOMA, DELHI 110092, DELHI, INDIA	
DATE OF REGISTRATION	31/12/2015
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	278627
CLASS	09-01
1)PUSHPAM FOODS & BEVERAGES PVT. LTD., AN INDIAN COMPANY, SR. NO 34/A, 2ND FLOOR, A WING, LOKMAT BUILDING, SINHGAD ROAD, PUNE-411041, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	23/12/2015
TITLE	BOTTLE
PRIORITY NA	

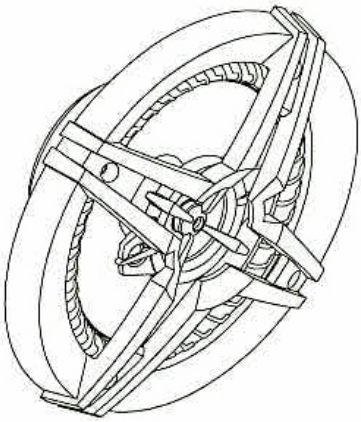
DESIGN NUMBER	279588
CLASS	19-06
1)UNIMAX STATIONERY, (A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT), HAVING THEIR REGISTERED OFFICE AT 604, 6TH FLOOR, VAKRATUNDA CORPORATE PARK, VISHWESHWAR NAGAR, OFF AAREY ROAD, GOREGAON (EAST), MUMBAI-400063, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2016
TITLE	BALL POINT PEN
PRIORITY NA	

DESIGN NUMBER	271511
CLASS	06-01
1)ITALICA FURNITURE PRIVATE LIMITED E-260-261, M I A, UDAIPUR, INDIA,	
DATE OF REGISTRATION	17/04/2015
TITLE	CHAIR
PRIORITY NA	

DESIGN NUMBER	272664
CLASS	14-01
1)SONY CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, 1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	10/06/2015
TITLE	SPEAKER FOR CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430518148.5	11/12/2014	CHINA



DESIGN NUMBER	227316
CLASS	12-16
1)SETCO AUTOMOTIVE LTD. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	269529
CLASS	02-04
1)DIADORA SPORT S.R.L. OF VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY	
DATE OF REGISTRATION	11/02/2015
TITLE	FOOTWEAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/084 153	11/08/2014	ITALY

DESIGN NUMBER	279020
CLASS	12-16
1)MINDA INDUSTRIES LIMITED (SWITCH-DIVISION), AN INDIAN COMPANY OF VIII. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA	
DATE OF REGISTRATION	04/01/2016
TITLE	HANDLEBAR SWITCH FOR VEHICLE

PRIORITY NA

DESIGN NUMBER	279392
CLASS	06-04
1)PATRAM BISHNOI (INDIAN NATIONAL), SOLE PROPRIETOR, INDUS TRADE, OF THE ADDRESS 1, TANAWARA PHANTA, SALAWAS ROAD, JODHPUR-342013, RAJASTHAN, INDIA	
DATE OF REGISTRATION	12/01/2016
TITLE	RACK

PRIORITY NA

DESIGN NUMBER	278991
CLASS	09-01
1)SSG PHARMA PRIVATE LIMITED, A PRIVATE LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, WHOSE ADDRESS IS PLOT NO. 17, IIND FLOOR, SACHDEVA CORPORATE TOWER, COMMUNITY CENTRE, NEAR DAYANAND VIHAR PETROL PUMP, KARKARDOOMA, DELHI 110092, DELHI, INDIA	
DATE OF REGISTRATION	31/12/2015
TITLE	BOTTLE
PRIORITY NA	

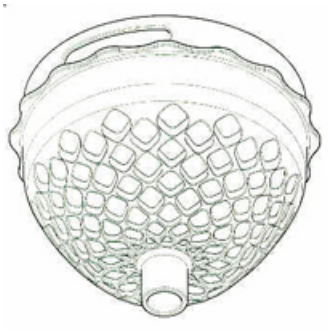
DESIGN NUMBER	227315
CLASS	12-16
1)SETCO AUTOMOTIVE LIMITED, 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	272974
CLASS	26-05
1)GREENLIGHT PLANET INDIA PRIVATE LIMITED 'THE NEHRU CENTRE, 10TH FLOOR, DISCOVERY OF INDIA, DR ANNIE BESANT ROAD, WORLI, MUMBAI – 400 018'	
DATE OF REGISTRATION	22/06/2015
TITLE	SOLAR LAMP
PRIORITY NA	

DESIGN NUMBER	275229
CLASS	31-00
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	04/09/2015
TITLE	BASKET FOR ONION CHOPPER

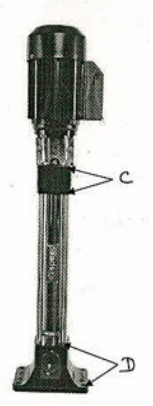
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002655167-0003	16/03/2015	OHIM



DESIGN NUMBER	278398
CLASS	09-01
1)M/S. DEEJAY DISTILLERIES PVT. LTD., B-1, DAFFODILS, HIRANANDANI GARDENS, POWAI, MUMBAI 400076, (MAHARASHTRA), INDIA, AN INDIAN, A PRIVATE LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956	
DATE OF REGISTRATION	16/12/2015
TITLE	BOTTLE
PRIORITY NA	

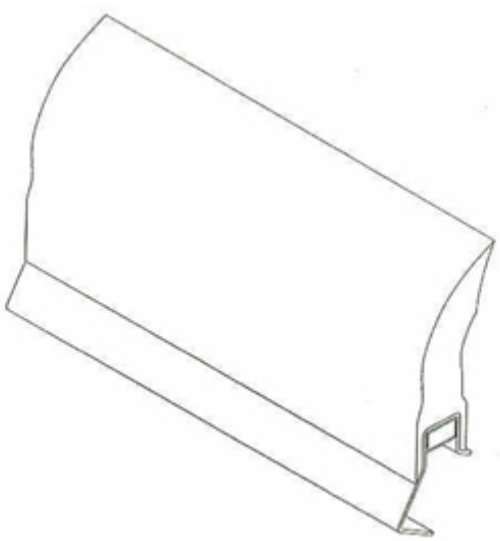
DESIGN NUMBER	278842
CLASS	15-02
1)RASAPPAN KALYANSUNDARAM, AN INDIAN NATIONAL, WHOSE ADDRESS IS NO: 12/1, JOTHI NAGAR, SECOND STREET, RAMANUJA NAGAR, COIMBATORE-641015, TAMILNADU, INDIA	
DATE OF REGISTRATION	29/12/2015
TITLE	PUMPSET
PRIORITY NA	



DESIGN NUMBER	278950
CLASS	12-05
1)MARTIN ENGINEERING COMPANY, A CORPORATION OF THE STATE OF ILLINOIS, OF ONE MARTIN PLACE, NEPONSET, ILLINOIS 61345, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	31/12/2015
TITLE	CONVEYOR BELT SCRAPER BLADE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/534,051	24/07/2015	U.S.A.



DESIGN NUMBER	227306
CLASS	12-16
1)SETCO AUTOMOTIVE LTD. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	279019
CLASS	12-16
1)MINDA INDUSTRIES LIMITED (SWITCH-DIVISION), AN INDIAN COMPANY OF VIII. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA	
DATE OF REGISTRATION	04/01/2016
TITLE	HANDLEBAR SWITCH FOR VEHICLE
PRIORITY NA	

DESIGN NUMBER	272521
CLASS	15-07
1)LG ELECTRONICS INC. OF 20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150- 721, REPUBLIC OF KOREA	
DATE OF REGISTRATION	03/06/2015
TITLE	TRAY FOR REFRIGERATOR
PRIORITY NA	

DESIGN NUMBER	278998
CLASS	06-04
1)MR. ARUN KALANI (PARTNER), NATIONALITY INDIAN TRADING AS THAR ART EXPORTS (A GOVT. RECOGNIZED EXPORT HOUSE) (INDIAN) WHOES ADDRESS IS S.P.-02 E.P.I.P., BORANADA, JODHPUR-342012, RAJASTHAN (INDIAN)	
DATE OF REGISTRATION	01/01/2016
TITLE	STORAGE FURNITURE
PRIORITY NA	

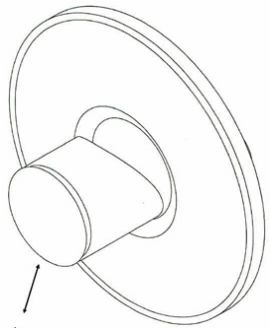
DESIGN NUMBER	271514
CLASS	24-01
1)SURANA ENTERPRISES A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1956, HAVING PLACE OF BUSINESS AT DON BOSCO CROSS ROAD, MANGALORE – 575001 INDIA	
DATE OF REGISTRATION	19/04/2015
TITLE	DENTAL ARTICULATOR
PRIORITY NA	

DESIGN NUMBER	273006
CLASS	02-04
1)SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE BOTH INDIAN NATIONALS AND PARTNERS OF SABYASACHI COUTURE AN INDIAN PARTNERSHIP FIRM HAVING ITS OFFICE AT 86/C, JATIN DAS ROAD, KOLKATA-700 029, WEST BENGAL, INDIA.	
DATE OF REGISTRATION	24/06/2015
TITLE	FOOTWEAR (SET)
PRIORITY NA	

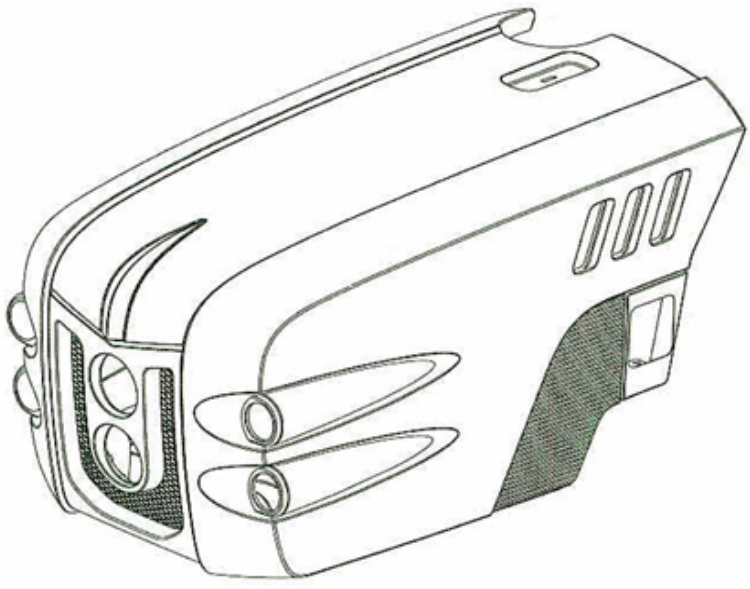
DESIGN NUMBER	273977
CLASS	15-05
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU; SUWON-SI, GYEONGGI-DO 16677, REPUBLIC OF KOREA	
DATE OF REGISTRATION	29/07/2015
TITLE	DOOR FOR WASHING MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0022236	29/04/2015	REPUBLIC OF KOREA



DESIGN NUMBER	278919
CLASS	12-16
1)IBERO-JAPAN CO., LTD., 13-1, WAKAGIDAI 1-CHOME, FUKUTSU-SHI, FUKUOKA 811-3221, JAPAN, NATIONALITY: JAPAN	
DATE OF REGISTRATION	30/12/2015
TITLE	BONNET FOR TRACTOR
PRIORITY NA	



DESIGN NUMBER	278990
CLASS	09-03
1)K. SAYAJI RAO (DIRECTOR) & K. SATISH RAO (DIRECTOR) ARE INDIAN TRADING AS INNOVATIVE TECH PACK LIMITED SITUATED AT:-1109-1110, CHIRANJEEV TOWER, 43, NEHRU PLACE, NEW DELHI-110019 (THIS COMPANY IS INCORPORATED UNDER THE COMPANIES ACT-1956) WHOSE ADDRESS IS 1109-1110, CHIRANJEEV TOWER, 43, NEHRU PLACE, NEW DELHI-110019	
DATE OF REGISTRATION	31/12/2015
TITLE	JAR
PRIORITY NA	

DESIGN NUMBER	227314
CLASS	12-16
1)SETCO AUTOMOTIVE LTD. 2A FILM CENTRE BUILDING, GROUND FLOOR, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2010
TITLE	CLUTCHE
PRIORITY NA	

DESIGN NUMBER	272930
CLASS	13-03
1)ACCORD POWER CONVERSION PVT. LTD., (INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING OFFICE AT PLOT NO: C-12/1, 2ND FLOOR, ELECTRONIC COMPLEX, KUSHAIGUDA, HYDERABAD-500062 (TS), INDIA, INDIAN COMPANY AT THE ABOVE ADDRESS	
DATE OF REGISTRATION	22/06/2015
TITLE	ADAPTOR
PRIORITY NA	