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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.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

12 SEPTEMBER, 2014

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**THE PATENT OFFICE
KOLKATA, 12/09/2014**

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: cgpatm@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, 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) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940 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 12/09/2014

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 हैं:-

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फैक्स: (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 फैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, 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 फैक्स: (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 फैक्स:/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) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 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, सूचनाएं, विवरण या अन्य दस्तावेज 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.

(Chaitanya Prasad)
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.

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.2127/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOW HEAD HIGH TORQUE WATER WHEEL

(51) International classification	:F03B13/22	(71) Name of Applicant :
(31) Priority Document No	:NA	1)LAL BAHADUR YADAV
(32) Priority Date	:NA	Address of Applicant :VILL+PO-AMGHAT, DISTT-BALLIA
(33) Name of priority country	:NA	PIN-277 203. Uttar Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LAL BAHADUR YADAV
(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 water wheel is devised with straight blades of high lift-to-drag ratio Pack B or other expanded airfoil profiles for working as high torque and rotation middleshoot water wheel throughout the year fixed behind a very low head dam in the shallow rivers and tributaries of the hilly and mountainous regions.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2181/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : FPGA BASED MICRO-GRID CONTROL AND MONITORING SYSTEM.

(51) International classification	:G06F1/28
(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 :

1)POWER GRID CORPORATION OF INDIA LTD.

Address of Applicant :POWER GRID CORPORATION OF INDIA LTD. B-9, QUTAB INSTITUTIONAL AREA KATWARIA SARAI, NEW DELHI-110016 India

(72)Name of Inventor :

1)DR. N. KUMARESAN

2)DR. S. MOORTHY

3)DR. M. P. SELVAN

4)DR. N. AMMASAIGOUNDEN

5)DR. SUBIR SEN

6)KASHISH BHAMBHANI

(57) Abstract :

The integration of multiple renewable energy resources to meet the energy needs of the consumers in remote locations with reliability is a major challenge due to inherent characteristics of available renewable sources viz. unpredictability & variability. This requires development of micro-grid controllers to manage balance between load and generation. In this work, a micro-grid controller integrating the output from multiple types of renewable energy conversion systems, namely, wind and solar along with diesel generator as well as battery storage has been indigenously developed with source and load control features using Field Programmable Gate Arrays (FPGAs) for the first time in this field. The load controller facilitates load management (switching ON/OFF non-critical loads) based on the generation availability and energy storage capacity. The source controller facilitates source management among solar, wind and battery storage. The various parameters of different power generation sources and loads are monitored and displayed using FPGA. It also includes the communication between source and load controllers using Ethernet for exchange of monitored data for a suitable control action. The innovative work has been developed in such a manner that it will be replicable in the field to bring it on the large scale.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2186/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A PROCESS OF BIOCOMPATIBLE NANOFORMULATION PRODUCTION FOR FRUITS/VEGETABLES PRESERVATION AND PACKAGING MATERIALS

(51) International classification	:A23B7/015
(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)DR. BRAJ RAJ SINGH

Address of Applicant :CENTRE OF EXCELLENCE MATERIALS SCIENCE (NANOMATERIALS), DEPARTMENT OF APPLIED PHYSICS, ZHCE &T, ALIGARH MUSLIM UNIVERSITY ALIGARH 202002, Uttar Pradesh India

2)DR. WASI KHAN

3)P. Q. RIZVI

4)DR. ALIM H. NAQVI

(72)Name of Inventor :

1)DR. BRAJ RAJ SINGH

2)DR. WASI KHAN

3)P. Q. RIZVI

4)ALIM H. NAQVI

(57) Abstract :

In this invention we have developed a process of biocompatible nanoformulation for fruits/vegetables preservation and packaging materials. The nanoformulation application on fruits/vegetables extend the shelf-life by the reduction in water vapour and gas exchange (diminish respiration rate), oxidative reaction rates, physiological disorder and microbial contamination. This invention offers a rapid, novel, environmentally-friendly, and economically feasible and potentially significant process to produce biocompatible nanoformulation.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2184/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : EGG ALBUMIN MEDIATED BIOGENIC SYNTHESIS OF SNO2 QUANTUM DOTS

(51) International classification

:A61K8/00

(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)DR. BRAJ RAJ SINGH

Address of Applicant :CENTRE OF EXCELLENCE
MATERIALS SCIENCE (NANOMATERIALS),
DEPARTMENT OF APPLIED PHYSICS, ZHCE &T, ALIGARH
MUSLIM UNIVERSITY ALIGARH 202002, Uttar Pradesh India

2)MOHD. SHOEB

3)DR. WASI KHAN

4)DR. ALIM H. NAQVI

(72)Name of Inventor :

1)DR. BRAJ RAJ SINGH

2)MOHD. SHOEB

3)DR. WASI KHAN

4)DR. ALIM H. NAQVI

(57) Abstract :

The development of green fluorescent tin oxide quantum dots (SnO₂ QDs) through the biogenic approach has remained unexplored. Herein, a simple, single-step route for the synthesis SnO₂ QDs by using egg albumin is reported. The SnO₂ QDs are characterized by UV-vis spectroscopy. X-ray diffraction (XRD) Fourier transform infrared (FT-IR) spectroscopy,, energy dispersive X-ray analysis (EDXA), scanning electron microscopy (SEM), transmission electron microscopy (TEM) and Thermogravimetric analysis (TGA) techniques. The SnO₂ QDs also show green fluorescence under ultra-violet light. The plausible mechanistic aspect of the invention involves the interaction of egg albumin with Sn⁴⁺ ions, made the metal ions to be rich around negative ion groups of egg albumin in aqueous condition. As a result, the SnO₂ crystal nucleus induced by egg albumin was obtained, and the electronegative egg albumin proteins also direct and control the growth and the final size of SnO₂ QDs.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2185/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : BIOSYNTHESIS OF REDUCED GRAPHENE OXIDE USING BACILLUS MYCOIDES 011

(51) International classification

:B01J19/28

(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 :

1)DR. BRAJ RAJ SINGH

Address of Applicant :CENTRE OF EXCELLENCE

MATERIALS SCIENCE (NANOMATERIALS),

DEPARTMENT OF APPLIED PHYSICS, ZHCE &T, ALIGARH

MUSLIM UNIVERSITY ALIGARH 202002, Uttar Pradesh

India

2)DR. WASI KHAN

3)DR. ALIM H. NAQVI

(72)Name of Inventor :

1)DR. BRAJ RAJ SINGH

2)DR. WASI KHAN

3)DR. ALIM H. NAQVI

(57) Abstract :

Herein, we invented a one-pot biosynthesis of GO utilizing log phase grown culture supernatant of Bacillus mycoides 011. The redox active biological macromolecules and secondary metabolites, which were present in the log phase grown culture supernatant of B. mycoides 011 possibly plays in important role in the reduction of GO. The simplicity and non-toxic nature of this method can be used in broader applications (biomedical and bioelectronics etc.), which can be placed within the context of novel biocompatible materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2358/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PAPER/FIBROUS SUBSTRATE AND METAL LAMINATE STRUCTURES HAVING SURFACE COATING CURED BY UV RADIATIONS IN INERT ATMOSPHERE AND POUCHES/SACHETS MADE THEREOF

(51) International classification	:D21H13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHATURVEDI, ASHOK
(32) Priority Date	:NA	Address of Applicant :305, III FLOOR, BHANOT CORNER,
(33) Name of priority country	:NA	PAMPOSH ENCLAVE, GK-I, NEW DELHI-110048 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHATURVEDI, ASHOK
(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 :

The flexible packaging laminate structure includes an outer fibrous layer and an inner metallic layer adhered to each other. The outer fibrous layer comprises a top surface and a bottom surface. The top surface includes at least one of text/images printed with ink, hot foil transferred text/images, or registered or un-registered holography or Fresnel lense. Further, the top surface is coated with UV curable coating and cured using UV radiations in an inert atmosphere respectively. Furthermore, the inner metallic layer is of a metal foil having a first surface and a second surface. The second surface includes at least one sealing lacquer layer employed thereon. In another embodiment, two sealing lacquer layers are disposed on the second surface, i.e. a primary sealing lacquer layer for providing bonding strength to the inner metallic layer of metal foil, and a secondary sealing lacquer layer for enabling sealing of the inner metallic layer of the metal foil to itself.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3828/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WALL INSULATION

(51) International classification

:E04B1/76

(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)SHARMA KESHAVE PRASAD

Address of Applicant :256, RAJEEV NAGAR, BASNI
JODHPUR Rajasthan India

(72)Name of Inventor :

1)SHARMA KESHAVE PRASAD

(57) Abstract :

Building are being constructed to provide shelter for human being. The main ingredients of building construction are bricks, stone, concrete blocks,(solid and hollow),cement and steel. By their nature, they are all very much sensitive and responsible , in transferring too much heat and cold inside the buildings ,through their walls and roofs. Due to this particular nature of building materials and increasing effect of Global warming, internal environment of buildings are getting too much worse, day-by-day. And to counter, this temperature effect, extensive use of air conditioners and desert coolers are increasing day-by-day. And thus, the increase in consumption of scarce energy and water. keeping in view, the continuous increasing effect of Global warming and building activities, the demand of scarce energy and water will also increase proportionately. To solve this above stated problems a very simple and much effective technique of wall insulation of buildings have been inventedIdesigned. this technique will also be helpfbl in stopping wall seepage, if any. And enhancing the life of old decaying buildings along with converting existing energy guzzlers into energy saving buildings.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6462/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE TERMINAL MANAGEMENT SERVER AND MOBILE TERMINAL MANAGEMENT PROGRAM

(51) International classification	:G06Q10/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/000630
Filing Date	:31/01/2012
(87) International Publication No	:WO 2013/114438
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IPS CO. LTD.

Address of Applicant :16th Fl. Tower B Grand Front Osaka 3
1 Ofuka cho Kita ku Osaka shi Osaka 5300011 Japan

(72)Name of Inventor :

1)AKITA Toshifumi

(57) Abstract :

The purpose of the present invention is to reduce the load required to maintain an enterprise resource planning (ERP) system and required to update data with respect to a business system for providing users with information related to business forms. A mobile terminal management server (10) operating an ERP system is provided with: a process flow database (18); and a process flow control definition matrix database (19) for storing matrix data expressing process types (e.g. registration or alteration) permitted with respect to process data (i.e. information related to business processes) generated for each business process and process flow to which the business process belongs. The mobile terminal management server (10) receives from a mobile terminal (31) process identifying information with which a process flow and a business process can be identified browses the process flow control matrix database (19) to identify a process type corresponding to the process identifying information receives from the mobile terminal (31) data inputted by a user (X) and updates the process flow data stored in the process flow database (18) on the basis of the process type and the inputted data.

No. of Pages : 72 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6465/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE TERMINAL MANAGEMENT SERVER AND MOBILE TERMINAL MANAGEMENT PROGRAM

(51) International classification :G06F17/30,G06Q10/06,G06Q50/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/JP2012/000641
Filing Date :31/01/2012
(87) International Publication No :WO 2013/114449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)IPS CO. LTD.

Address of Applicant :16th Fl. Tower B Grand Front Osaka 3
1 Ofuka cho Kita ku Osaka shi Osaka 5300011 Japan

(72)Name of Inventor :

1)AKITA Toshifumi

(57) Abstract :

The purpose of the present invention is to reduce throughput required to retrieve data and to promptly output valid information with respect to a business system for providing mobile communication terminals with information related to business forms. A mobile terminal management server (10) operating enterprise resource planning (ERP) receives specified retrieval conditions from a mobile terminal (31) extracts from process flow data stored in a process flow data table (PT) stock related data including items related to stock management of an article expressed by the received retrieval conditions generates on the basis of the stock related data stock management information including stock transit of the article expressed by the specified retrieval conditions and provides the mobile terminal (31) with the generated stock management information.

No. of Pages : 87 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6468/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE TERMINAL MANAGEMENT SERVER AND MOBILE TERMINAL MANAGEMENT PROGRAM

(51) International classification	:G06Q10/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/000640
Filing Date	:31/01/2012
(87) International Publication No	:WO 2013/114448
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IPS CO. LTD.

Address of Applicant :16th Fl. Tower B Grand Front Osaka 3
1 Ofuka cho Kita ku Osaka shi Osaka 5300011 Japan

(72)Name of Inventor :

1)AKITA Toshifumi

(57) Abstract :

The purpose of the present invention is to reduce the processing load required to retrieve data and to promptly output valid information in a business system for providing mobile communication terminals with information related to business forms. A mobile terminal management server (10) operating enterprise resource planning (ERP) provides in response to a request from a mobile terminal (31) a client specification screen for specifying a client receives from the mobile terminal (31) client information indicating the client specified on the client specification screen refers to process flow data stored in a process flow data table (PT) to extract claim data related to the claims of the client indicated by the received client information generates on the basis of the extracted claim data credit management information with respect to the specified client and provides the mobile terminal (31) with the generated credit management information.

No. of Pages : 83 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2222/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :06/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : GYRATORY PLEZOGEN-PIEZOELECTRIC TRANSDUCER FOR HARVESTING ENERGY THROUGH ROTATIONAL MOTION.

(51) International classification	:F03G7/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FARAZ AHMAD
(32) Priority Date	:NA	Address of Applicant :I-21, EKTA NAGAR CAMPUS,
(33) Name of priority country	:NA	ALIGARH 202001 Uttar Pradesh India
(86) International Application No	:NA	2)DR. AMEER AZAM
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)FARAZ AHMAD
(61) Patent of Addition to Application Number	:NA	2)DR. AMEER AZAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is named as Gyratory PiezoGen. This is a piezoelectric energy harvesting transducer that develops electricity due the deformation and relaxation of the piezoelectric material used. This design is a new concept as this transducer can harvest rotational motion unlike the presently available piezoelectric transducers that are capable of harvesting only linear motions.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7021/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM FOR REDUCING THE WIPING GAS CONSUMPTION IN AN AIR KNIFE

(51) International classification	:B05C11/06
(31) Priority Document No	:12156291.2
(32) Priority Date	:21/02/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/052887
Filing Date	:13/02/2013
(87) International Publication No	:WO 2013/124196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COCKERILL MAINTENANCE & INGENIERIE S.A.
Address of Applicant :Avenue Greiner 1 B 4100 Seraing
Belgium
(72)**Name of Inventor :**
1)DUBOIS Michel
2)VAN HOUTTE Brice

(57) Abstract :

The present invention relates to a device for controlling the thickness of a coating made of a liquid film on a moving strip (3) characterised in that said automated means for reducing the gas flow at each of said nozzle sides comprise a moving carriage (10) guiding a retractable cable (9) able to be applied respectively onto and out of the gas discharge opening (4) inside the nozzle chamber (5) and in that at each transversal side of the nozzle (1) a transition between an external nozzle section where the gas flow is reduced and an internal nozzle section where the gas flow is not reduced is assured by means of two together moving grooved wheels or pulleys (6 7) connected to the moving carriage (10) located side by side and having their axis perpendicular to the nozzle so that the cable (9) is successively located against the opening (4) on an external side of the first pulley (6) between the two pulleys (6 7) and distant from the opening (4) on an internal side of the second pulley (7).

No. of Pages : 17 No. of Claims : 11

(54) Title of the invention : BACKWASHABLE FILTRATION ELEMENT

(51) International classification :B01D63/08,B01D69/06,B01D69/10
 (31) Priority Document No :12153928.2
 (32) Priority Date :03/02/2012
 (33) Name of priority country:EPO
 (86) International Application No :PCT/EP2013/052161
 Filing Date :04/02/2013
 (87) International Publication No :WO 2013/113928
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)VITO NV (VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK NV)
 Address of Applicant :Boeretang 200 B 2400 Mol Belgium
 (72)Name of Inventor :
1)DOYEN Willy
2)MOLENBERGHS Bart

(57) Abstract :

Planar filtration element comprising a planar support structure (11) and at least one filtration layer (12 13) made of a membrane material wherein the planar support structure has first and second opposite outer surfaces (111 112) spaced apart and secured by spacing members (113) to define a drainage compartment (114) between said first and second outer surfaces wherein at least one of said first and second outer surfaces comprises through openings (115) for fluid connection with the drainage compartment (114) and wherein the outer surfaces (111 112) when one disregards the through openings are formed of a material extending continuously throughout the outer surfaces characterised in that the filtration layer (12 13) coats the outer surface such that the membrane material penetrates the through openings (115) so as to anchor the filtration layer (12 13) to the support structure (11).

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6558/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : TANDEM ROLLING MILL OUTPUT METHOD AND INSTALLATION WITH COILING CAROUSEL COUPLED WITH ON LINE INSPECTION

(51) International classification	:B21C47/24,B21B38/00	(71) Name of Applicant :
(31) Priority Document No	:61/595381	1)COCKERILL MAINTENANCE & INGENIERIE S.A.
(32) Priority Date	:06/02/2012	Address of Applicant :Avenue Greiner 1 B 4100 Seraing
(33) Name of priority country	:U.S.A.	Belgium
(86) International Application No	:PCT/EP2013/050033	(72) Name of Inventor :
Filing Date	:03/01/2013	1)FOCKEDEY Emilie
(87) International Publication No	:WO 2013/117351	2)K-PPE Andreas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the coiling and on line inspection of a continuously rolled metal strip involving a step of continuous coiling on at least one mandrel (10 20) of a coiling station (3) preferably of carousel type characterized by at least the following steps: the strip is cut by a first shears (4) situated before the coiling station a last turn of the coil created (1 l 1 etc.) pivoting about the axis of the mandrel (10) and dropping onto an insertion table (6) located in the continuation of the line and followed by an inspection table (8); the strip advances by a certain length on the insertion table (6) and the inspection table (8) and is cut by a second shears (7) to obtain a specimen; the specimen is inspected on the inspection table (8) so that faults can be detected. The present invention also relates to an installation for implementing this method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7031/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : COATING THICKNESS AND DISTRIBUTION CONTROL WIPING NOZZLE WITH EXCELLENT PRESSURE UNIFORMITY

(51) International classification :B05C11/06,C23C2/20,F26B21/00

(31) Priority Document No :12156296.1

(32) Priority Date :21/02/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/052891

Filing Date :13/02/2013

(87) International Publication No :WO 2013/124197

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)COCKERILL MAINTENANCE & INGENIERIE S.A.

Address of Applicant :Avenue Greiner 1 B 4100 Seraing
Belgium

(72)Name of Inventor :

1)DUBOIS Michel

(57) Abstract :

The present invention relates to a device for controlling the thickness of a coating made of a liquid film on a moving strip (3) comprising a nozzle (1) fed with a pressurized fluid (6) in a chamber (2) of the nozzle said chamber (2) being terminated by nozzle lips (11) making an elongated discharge opening (12) for discharging the pressurized fluid onto the moving strip (3) said chamber (2) comprising also a perforated baffle plate (8) obstructing a cross section L x h of the chamber (2) in the fluid flow the perforated baffle plate (8) having a number of holes (13) so that the total surface of said holes (13) is higher than 90% of said cross section and having a thickness Th higher than 3 times the individual diameter of any of said holes (13) and higher than 3 mm characterised in that the perforated baffle plate (8) has a honeycomb geometry i.e. a geometry having cells (13) with hexagonal section.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7055/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE BEAM FOR SINK ROLL

(51) International classification	:C23C2/00
(31) Priority Document No	:12156293.8
(32) Priority Date	:21/02/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/052885
Filing Date	:13/02/2013
(87) International Publication No	:WO 2013/124195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COCKERILL MAINTENANCE & INGENIERIE S.A.
Address of Applicant :Avenue Greiner 1 B 4100 Seraing
Belgium
(72)**Name of Inventor :**
1)DUBOIS Michel
2)VAN HOUTTTE Brice

(57) Abstract :

The present invention relates to an installation for the hot dip coating of a metal strip (11) with a liquid metal comprising a pot (4) containing a bath of liquid metal an immersed sink roll (1) for deflecting the strip entering the bath to a vertical exit path and at least one additional roll (2 3) for controlling the strip flatness the axes of said sink and additional rolls (1 2 3) being supported by arms (16) connected to a main metal frame (8 8A) itself connected to a base on each side of the pot by means of supports (9 10) characterised in that the metal frame is a double beam made of a removable beam (8A) connected to an intermediate beam (13) itself anchored to the base by the supports (9 10).

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6638/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : TANDEM ROLLING MILL OUTPUT METHOD AND INSTALLATION WITH COILING CAROUSEL COUPLED WITH ON LINE INSPECTION

(51) International classification	:B21C47/24,B21B38/00	(71) Name of Applicant :
(31) Priority Document No	:61/595403	1)COCKERILL MAINTENANCE & INGENIERIE S.A.
(32) Priority Date	:06/02/2012	Address of Applicant :Avenue Greiner 1 B 4100 Seraing
(33) Name of priority country	:U.S.A.	Belgium
(86) International Application No	:PCT/EP2013/050835	(72) Name of Inventor :
Filing Date	:17/01/2013	1)FOCKEHEY Emilie
(87) International Publication No	:WO 2013/117400	2)K-PPE Andreas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for coiling and on line inspection of a continuously rolled metal strip involving a step of continuous coiling on at least one mandrel (10 20) of a coiling station (3) preferably of carousel type characterized by at least the following steps: the strip is cut by a shears (4) situated before the coiling station advances over a certain length on an insertion table (6) so as to at least partially cover this table and is then cut a second time by the shears (4) in order to obtain a specimen; the coiling of the coil performed (1 1 1 etc.) on the mandrel (10) is terminated and the coil is discharged from the coiling station; at the same time the insertion table (6) bearing the specimen is moved parallel to the rolling coiling line until it lies in the continuation of an inspection line comprising an inspection table (8); the specimen is inspected on the inspection table (8) so that faults can be detected; once the specimen has left the insertion table (6) the latter is placed back in the rolling coiling line so that a new coil can be coiled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6415/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE TERMINAL MANAGEMENT SERVER AND MOBILE TERMINAL MANAGEMENT PROGRAM

(51) International classification	:G06Q10/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/000631
Filing Date	:31/01/2012
(87) International Publication No	:WO 2013/114439
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IPS CO. LTD.

Address of Applicant :16th Fl. Tower B Grand Front Osaka 3
1 Ofuka cho Kita ku Osaka shi Osaka 5300011 Japan

(72)Name of Inventor :

1)AKITA Toshifumi

(57) Abstract :

The purpose of the present invention is to reduce the load required to maintain an enterprise resource planning (ERP) system and to update data in a business system for providing users with information related to business forms. A mobile terminal management server (10) operating ERP is provided with: a process flow database (18); and a process flow control matrix (PFCM) database (19) for storing matrix data indicating process types (e.g. registration or modification) permitted with respect to process data (i.e. information related to business processes) generated for each business process and process flow to which the business process belongs. The mobile terminal management server (10) receives from a mobile terminal (31) process identifying information with which a process flow and a business process can be identified refers to the PFCM database (19) to identify the process type corresponding to the process identifying information and provides the mobile terminal (31) with a data input screen corresponding to the identified process type.

No. of Pages : 72 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1576/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL NANO-FORMULATIONS OF ANTITUBERCULAR DRUGS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)National Institute of Pharmaceutical Education and Research (NIPER)
(32) Priority Date	:NA	Address of Applicant :Sector 67, S.A.S. Nagar, Punjab 160
(33) Name of priority country	:NA	062, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Suresh, Sarasija
(87) International Publication No	: NA	2)Singh, Charan
(61) Patent of Addition to Application Number	:NA	3)Gill , Manjinder Singh
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides Novel drug delivery nano-formulations comprising a complex comprising an antitubercular drug linked with a complexing agent; or a liposphere comprising: an antitubercular drug linked with a complexing agent; and optionally, cyclodextrin; characterized in that the said nano-formulation has improved solubility, enhanced efficacy, improved patient compliance and less hepatotoxicity.

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1443/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR THE SIMPLIFIED PRODUCTION OF FASCIOLICIDE AND DERIVATIVE THEREOF

(51) International classification	:C07C 255/58, A61K31/166,A61P 33/10	(71)Name of Applicant : 1)LASA LABORATORY PVT. LTD Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C., INOL AREA, MAHAD, DIST-RAIGAD, PIN-402309, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)TELVEKAR, VIKAS NARENDRA
(33) Name of priority country	:NA	2)HERLEKAR; OMKAR PARVIN
(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 :

The Present invention relates to simplified method for the production of fasciolicide and its derivative thereof. The derivative of fasciolicide can be produced by nitration and iodination of base compound in controlled manner. The present method is specifically related to production of 4-hydroxy-3-nitrobenzonitrile and its derivatives. In present method, controlled nitration of base compound is carried out by maintaining reactor temperature at optimum conditions. Present invention is also related to operating reactor for nitration reaction at optimized parameters which will provide selective nitration of base compound which will result in to lower operating cost of reactor and higher selective yield.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2328/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGH EFFICIENCY HYBRID ELECTRIC VEHICLE

(51) International classification	:F02G5/00, F01K23/06, B60K25/00	(71) Name of Applicant : 1)KPIT TECHNOLOGIES LIMITED. Address of Applicant :Plot No: 35/36, Rajiv Gandhi Infotech Park, Phase 1, MIDC, Hinjewadi, Pune-41105, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PANDIT, S. B. Ravi
(33) Name of priority country	:NA	2)KSHATRIYA, Tejas Krishna
(86) International Application No	:NA	3)PATEL, Isheet Madhukant
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 :

The present invention provides a retrofit system for configuring a vehicle into a hybrid electric vehicle or electric vehicle. The system comprises an electric power source (EPS) comprising one or more motors to provide fail safe torque to the vehicle and harness braking energy for charging one or more batteries, one or more attachable electric power gear assemblies (EPGA) configured to couple the one or more motors to a propeller shaft for providing the torque to the vehicle, and an electronic control unit coupled to the electric power source (EPS) for dynamically controlling functioning of the one or more motors based on the running conditions to drive the vehicle. The system comprises of a motor controller to control functioning of one or more motors. The motor controller actuates one or more motors based on the torque and power required to drive the vehicle.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2046/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGH DENSITY SELF COMPACTING CONCRETE AND THE METHOD OF PREPARING THE SAME.

(51) International classification	:C04B28/00, C04B 14/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SECRETARY, DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA
(32) Priority Date	:NA	Address of Applicant :O.Y.C. BUILDING, CHHATRAPATI
(33) Name of priority country	:NA	SHIVAJI MAHARAJ MARG, MUMBAI 400001,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)V. VENKATACHALAPATHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to high density self compacting concrete and the method of preparing the same, which high density self compacting concrete is capable of filling, leveling the forms, and flowing by its own weight similar to requirements by the EFNARC guidelines that are meant for normal density concrete. The high density self compacting concrete disclosed in this invention has, amongst others, (a) uniform distribution of coarse aggregates without the problem of segregation for a free fall height of 1.2 m in hardened state, (b) a hardened concrete residual density in the range of 3.1 to 3.5 g/cc even after long term elevated sustained temperature, (c) a flowing ability measured in terms of slump flow diameter from 650 to 720 mm, (d) H1/H2 ratio in the range of 0.7 to 1.0, (e) a 28-day compressive strength of 50 Mpa to 65 Mpa. Due to the superior characteristics of high density self compacting concrete disclosed in this invention, the same is capable of being widely used in industry.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2435/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A SIMPLE, SAFE AND COST EFFECTIVE PROCESS FOR PREPARATION OF HALQUINOL PRODUCT.

(51) International classification	:C07D215/00, C07D215/28	(71) Name of Applicant : 1)LASA LABORATORY PVT. LTD. Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C., INOL AREA, MAHAD, DIST- RAIGAD, PIN - 402309, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HERLEKAR; OMKAR PRAVIN
(87) International Publication No	: NA	2)SHINDE; ANANTA DHARMA
(61) Patent of Addition to Application Number	:NA	3)RANJANE; DEEPAK HANAMANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to a process for preparing halquinol product containing 5,7-dichloro-8-quinolinol and 5-chloro-8-quinolinol comprising preparing acidic aqueous solution of 8-hydroxyquinoline by mixing 8-hydroxyquinoline with water and hydrochloric acid; and chlorinating at a temperature ranging between 10°C to 20°C with chlorine gas. The process is -simple, safe, cost effective and yielding desired components in desired percentages.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2470/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIND POWERED MOUNTING SYSTEM FOR ELECTRIC VEHICLES

(51) International classification	:B60K16/00, B60L8/00	(71)Name of Applicant : 1)A. SANDEEP KUMAR Address of Applicant :604-PRASHANTH VRISHI COMPLEX, HOLY CROSS ROAD, IC COLONY, BORIVALI WEST, MUMBAI-400103, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)A. SANDEEP KUMAR
(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 wind powered mounting system consisting of a design to direct the wind flow to the rotating turbines which are attached to generators. Along with the wind, the unused and wasted exhaust of the AC used in the vehicle is directed towards the turbines to support the continuous charging when vehicles stops or slows down, which improves the maintenance of the battery pack of the vehicle. The complete design of present invention intends to drive an electric vehicle without the need to stop for charging its battery pack. The main intention is to avoid charging stations for electric vehicles which use coal (yet another fossil fuel) to generate the required energy, by mounting the described invention on the vehicles.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2548/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : REINFORCED INTERLOCKING INSULATED BUILDING BLOCK SYSTEM

(51) International classification	:E04B2/02, E04C1/41	(71) Name of Applicant : 1)SHAIKH SHOEB HAJIMIYA
(31) Priority Document No	:NA	Address of Applicant :1126, MULLAHARUNS POLE,
(32) Priority Date	:NA	PANCHPATTI, KALUPUR, AHMEDABAD, GUJARAT,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHAIKH SHOEB HAJIMIYA
(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 :

The reinforced interlocking insulated building block comprises front concrete slab (1) of block, emboss part (2) of insulation for interlocking, insulation material layer (4) sandwich between two reinforced concrete slabs, engrave part (3) of insulation for interlocking, rear part of (5) concrete slab and metal cap (6) for emboss part of insulation material. These two concrete slabs connected by rods or straps (7) which is welded or tied to wire mesh or mesh grid of concrete slabs. This said block is joined horizontally by mortar which is joining agent. The mortar is applied to block by horizontal joint making tool. The reinforced interlocking blocks have different thickness, length and height.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1729/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF BENZIMIDAZOLE DERIVATIVE AS ANTHELMINTIC AGENTS

(51) International classification	:A61K31/415, C07D235/28	(71) Name of Applicant : 1)LASA LABORATORY PVT. LTD. Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C., INOL AREA, MAHAD DIST: RAIGAD, PIN-402309, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TELVEKAR, VIKAS NARENDRA
(87) International Publication No	: NA	2)HERLEKAR, OMKAR PARVIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to a process for the preparation of anthelmintic agents such as benzimidazole derivative compound of structural formula 1 as shown below.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2721/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLAR TRACKING SYSTEM AND METHOD

(51) International classification	:F24J2/38, F24F5/00,F24J2/54
(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)Rahul Mishra

Address of Applicant :S/o Ramniwas Jha, H no. 06 'Dream Palace', Pooja Colony, Infront of Durga Mandir, Neelbad Bhopal, PIN- 462044 Madhya Pradesh India

(72)Name of Inventor :

1)Rahul Mishra

(57) Abstract :

A floating tank type solar tracking system and a method for continually tracking the sun are provided. The system includes fluidic tanks (T1, T2) connected to each other by solenoid valve and operated by pump (210) to transfer fluid from one tank to another. A floating fiber tank (170) is provided in tank (T1) on which fiber cylinder (60) is mounted. A photovoltaic panel (10) comprising sensors (30, 30TM) is mounted on the ball joint of the fiber cylinder and a cable/metal rod connects the fiber cylinder (60) to the photovoltaic panel (10). This system allows tracking of sun along east-west and north-south direction when the sun gradually shifted towards the south up to 23.5 degree in winter season.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1292/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRAFFIC SIGNAL ON ZIG ZAG ROAD

(51) International classification	:G08G1/095, G08G1/096	(71)Name of Applicant : 1)UNDRE VISHAL SHIVAJI Address of Applicant :SHIVAJI NAGAR, WASHI-413503, OSMANABAD, MAHARASHTRA, INDIA 2)DHOLE RAHUL NARAYAN
(31) Priority Document No	:NA	(72)Name of Inventor : 1)UNDRE VISHAL SHIVAJI
(32) Priority Date	:NA	2)DHOLE RAHUL NARAYAN
(33) Name of priority country	:NA	3)PAWALE SATISH ROHIDAS
(86) International Application No	:NA	4)SOLANKI CHETAN RAJESH
Filing Date	:NA	5)THOOL RAVINDRA CHANDRABHAN
(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 :

Accident happens at zigzag roads because of many time drivers are not able to see the vehicle coming from opposite side due to curvilinear shape of road. From the survey report of government of India the 36,000 thousand lives were lost from last five years in road accidents in India only. This accidents can stopped by using the invention. This invention not only manage give the instructions to the vehicle driver also able to tell safe speed at that instant as well able to calculate the aped of vehicle.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2727/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOTION BASED CRANK DRIVEN MOBILE CHARGING DEVICE

(51) International classification	:H04M1/02, H04B7/26	(71)Name of Applicant : 1)PAWAN J. CHAPKE Address of Applicant :PLOT NO.160, HUDKO COLONY, AT POST KALMESHWAR, DIST: NAGPUR 441 501 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)UPENDRA B. MAHATME
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PAWAN J. CHAPKE
(61) Patent of Addition to Application Number	:NA	2)UPENDRA B. MAHATME
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Mobile phone is our means to remain connected. While the phones have progressively got more powerful processors and large touch screen interfaces, their power requirement has increased correspondingly. Unfortunately, battery technology has not been growing at a comparable pace. Hence, there is a need to frequently charge the batteries. While travelling, people face a common problem of charging electronic appliances. Our solution to this problem is Mechanical Hand Crank Mobile Charger. Mechanical hand crank mobile charger is a device that utilizes mechanical energy, converts it into electrical energy and charges the mobile. It doesnt require any electrical source. Also by going for this alternative source of energy we can reduce the human footprint on Earth as we are using human effort instead of conventional electricity. We have used a compound gear train and 6 intermediate gears for transformation of mechanical energy from hand crank to generator. Pro-engineer software for designing the gear train, NI Multisim software for simulation of the circuit and Reverse engineering technique to achieve this solution for the problem.

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

(54) Title of the invention : AN EYEWEAR TO PROVIDE THE DISFIGURED EYE RESEMBLE NORMAL EYE IN APPEARANCE

(51) International classification	:A61F2/16, G02C7/04	(71)Name of Applicant : 1)AMOL DIWAKAR KADU
(31) Priority Document No	:NA	Address of Applicant :356, SHREENAGAR, EMPRESS
(32) Priority Date	:NA	MILL COLONY, NEAR NARENDRA NAGAR, RING ROAD,
(33) Name of priority country	:NA	NAGPUR,, 440 015, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1) KADU, AMOL DIWAKAR
(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 :

Disclosed is an eyewear (1) to provide the disfigured eye resemble normal eye in appearance. The eyewear (1) includes a frame (2), a processing and display unit (7), a camera unit (8) and power supply unit (9). The frame (2) is worn by a user and includes two slots (3,3), one slot (3) called first slot for normal eye of the user and other slot (3) called second slot for disfigured eye of the user, the first slot (3) for accommodating a plane lens or powered lens (4) depending on users eye sight; a nasal bridge (5) for connecting the first slot (3) and second slot (3) and being rested on nose of the user and optionally having a frame holding mean like two arms (6,6) being connected to the first slot (3) and second slot (3) and rested on ears of the user. The processing and display unit (7) is fixed in the second slot (3) of the frame (2). The camera unit (8) is fixed on periphery of the first slot (3) of the frame (2) or on or within the surface of the lens (4) accommodated by first slot (3) of the frame (2) and configured for capturing image of the normal eye on real time basis and relays the image on to the processing and display unit (7) to give an appearance of both eyes moving synchronously and having perfect symmetry in shape, size and appearance. The power supply unit (9) provides power supply to the processing and display unit (7) and camera unit (8).

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2014

(21) Application No.1632/MUM/2014 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR THE PREPARATION OF SALICYLANILIDE ANTIPARASITIC DERIVATIVE

(51) International classification	:C07C255/32, C07C255/42, C07D333/38	(71)Name of Applicant : 1)LASA LABORATORY PVT. LTD Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C., INOL AREA, MAHAD, DIST-RAIGAD, PIN-402309, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)TELVEKAR, VIKAS NARENDRA
(33) Name of priority country	:NA	2)HERLEKAR, OMKAR PRAVIN
(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 :

The Present invention relates to method for the simplified production of Antiparasitics and its salts. More preferably the present invention provides the method for preparation of derivative of Salicylanilide antiparasitics compound. The present method is specifically related to production of N-(5-chloro-4-((4-chlorophenyl)(cyano)methyl)-2-methylphenyl)-2-hydroxy-3,5-diiodo benzamide and its salt which is simple, economical, industrially feasible and safe.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1950/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIVESTOCK MANURE FILTRATION APPARATUS AND METHOD OF OPERATION THEREOF

(51) International classification	:C05D3/00, B01D53/74	(71)Name of Applicant : 1)SUBHASH M. TANPURE Address of Applicant :WADGAON TANPURA, TALUKA- KARJAT, DISTRICT-AHMEDNAGAR - 414402, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUBHASH M. TANPURE
(87) International Publication No	: NA	2)RAJARAM SHANKARRAO DUBAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a livestock manure filtration apparatus having filters and operating method of the filtration apparatus. The present invention is a filtration tank wherein, livestock manure from the cattle sheds is washed and slurry is prepared. The slurry is then transferred to the filtration tank, wherein the slurry passes through the first filter, second filter and finally the filtering pipe. Thus the entire process provides effective filtration of the livestock manure and provides liquid bio-fertilized slurry for agricultural use.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.994/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : BACKSHELL ASSEMBLY FOR CONNECTORS.

(51) International classification :H01R12/59,H01R13/658
(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)AIRCRAFT UPGRADE RESEARCH & DESIGN
CENTRE (AURDC), HINDUSTAN AERONAUTICS
LIMITED, NASIK DIVISION**

Address of Applicant :HINDUSTAN AERONAUTICS
LIMITED, NASIK DIVISION OJHAR TOWNSHIP POST
OFFICE, OJHAR(MIG), NASIK-422 207,MAHARASHTRA,
INDIA

(72)Name of Inventor :

1)N K NAMDEO CHIEF MANAGER(DESIGN)

2)B SUBBARAYUDU MANAGER(DESIGN)

3)SATISH V BALTE DY. MANAGER (DESIGN)

4)ANURAG B JEEWANKAR DY. MANAGER (DESIGN)

(57) Abstract :

The invention relates manufacturing and use of angular backshell assembly for connector for manufacturing of looms. Backshells are used on connector to protect the wires of looms from damages. Normally straight back shells are preferred for loom manufacturing. However 90 degree angular back shells are required to avoid butting the looms with structure where the space available is less and connector with straight backshell cant be accommodated in the available space. The present invention is to make use of straight backshell as 90 degree bend (or any other angle) back shell by installing specially designed bracket assemblies over it for installation of equipments where limited space is available. In this way, the simple connector backshell can be utilized as straight or 90 degree bend or any other angle as per equipment installation requirement; this will ease the use of single type of connector backshell and reduce the dependency on manufacturer (OEM) for supply of different type of backshell.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2014

(21) Application No.995/MUM/2014 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : AVIONICS CONTROL THROUGH DUAL REDUNDANT MISSION AND DISPLAY PROCESSORS AND REAL TIME CHANGEOVER.

(51) International classification	:G01C 19/5614,G01C 23/00	(71)Name of Applicant : 1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC), HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION Address of Applicant : HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION OJHAR TOWNSHIP POST OFFICE, OJHAR(MIG), NASIK-422 207,MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)NITIN L JADHAV, SR. MANAGER (DESIGN)
(33) Name of priority country	:NA	2)VIJAY K SHINDE, SR. MANAGER (DESIGN)
(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 :

In todays aircraft the complete avionics including navigation, flight control and communication etc. is driven by onboard Mission Computing system (MC) termed as Airborne Avionics Driver System (AADS) whose role is bound to become more critical in futuristic aircraft avionics architectures as well. AADS plays a vital role in safe flying of aircraft and successful mission execution, thus imposing requirement of reliability and serviceability throughout the flight. Due to which more than one MC are used in the avionics architecture in the aircraft. This leads to a requirement to device logic for real-time changeover operation in case of failure of main (MC) inside the (AADS). The present invention evolves a scheme and methodology in devising a changeover logic for driving the aircraft avionics systems through an AADS consisting of, but not limited to, two Mission and Data Processor units (herein after called as MDP-1 and MDP-2) where MDP-1 acts as master controller by default and MDP-2 remains in Hot standby mode, ready to immediately takeover the full functionality of MDP-1 on its failure, a switchover logic box which houses logic and change over control mechanism. The above three, but not limited to three, LRUs (Line replaceable Units) in conjunction with the change over control inside cockpit enabling complete functional changeover from MDP-1 to MDP-2 to ensure reliable operation of AADS to drive aircraft avionics systems through a variety of interfaces viz MIL-STD-1553B digital data bus, RS-422 digital serial bus, video signals, analog signals of AC type, analog signals of DC voltage type and discrete signals of ON/OFF type.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2525/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :06/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : INNOVATIVE TRUCK LOAD ASSESSMENT SYSTEM.

(51) International classification	:G08B21/00, G01G 19/08, G01G19/10	(71)Name of Applicant : 1)SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, VISHNUPURI, NANDED.
(31) Priority Document No	:NA	Address of Applicant :THE DIRECTOR, SGGS, INSTITUTE OF ENGINEERING AND TECHNOLOGY, VISHNUPURI, NANDED-431606 Maharashtra India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)TAMSHETE RAHUL BHIMASHANKAR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TAMSHETE RAHUL BHIMASHANKAR
(61) Patent of Addition to Application Number	:NA	2)L. M. WAGHMARE
Filing Date	:NA	3)V. G. ASUTKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The system consists of micro controller (indduino), load cells, Hx711 module, motor driver IC, LCD display, buzzer,LEDs, battery, etc. Load cells are used to calibrate or detect the weight or pressure in the trolley of the truck. The load cells we have used are able to measure 10 Kg max. We have used two cells for measuring weight of trolley. Thus in total we can measure load upto 20Kg in trolley. The precision of the load cells is 0.02Kg. But the output signal given by load cells is in milli volt range, hence we can not directly measure the changes in output directly. Thus we are using hx711 module which is 24 bit ADC and amplifier. The output from load cells is given to the hx711 module it amplifies the signal and sends it to the induino controller. The load cell has five wires, two for +5v, Ov, two wires for connecting to the Hx711 module and one for shield, it can also be connected to ground. Controller process the signal and calibrates it in terms of the weight. Weight is then continuously displayed on the LCD display. LCD display used is of 16x2. It can be set in the cabin of the driver to note the weight inside trolley. Controller decides in which step of loading the system is suffering from and then sends the signal to motor driver to drive the motors of the truck. The motor driver used is L293D IC. If the weight in trolley of the truck exceeds the maximum capacity it can bear then the truck will go to shutdown till the truck is overloaded. If the truck is in first stage of overloading then only the LEDs will blink. If the truck is in second stage of overloading then LEDs and buzzer will blink. This is for final warning that the truck is going in overloading, dont add weight inside truck. If the truck goes in final stage of overloading then the LEDs and buzzer will continuously ring and the truck will be set to shutdown. The truck can be set to shutdown by different methods. 1. Relay can be used in wiring of the spark plug which will disconnect supply of spark plug and truck will go to shutdown. 2. We can also use on-off control valves in series with pipeline of fuel coming from fuel tank of the truck.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2014

(21) Application No.1953/MUM/2014 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF METHYL 5-(PROPYLTHIO)-1H-BENZO [D] IMIDAZOL-2-YLCARBAMATE

(51) International classification	:C07D235/32, A23K1/16, A61K31/41	(71)Name of Applicant : 1)LASA LABORATORY PVT. LTD. Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C., INOL AREA, MAHAD, DIST-RAIGAD, PIN-402309, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)HERLEKAR, OMKAR PRAVIN
(33) Name of priority country	:NA	2)SHINDE; ANANTA DHARMA
(86) International Application No	:NA	3)BARHATE; ARUN TULSHIRAM
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 :

Present invention relates to an improved process for the preparation of benzimidazole derivative methyl 5-(propylthio)-lh-benzo [d] imidazol-2-ylcarbamate compound of structural formula (V) without using hazardous chemicals and within reduced timeframe

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2730/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : THE INNOVATIVE METHOD TO PRODUCE ELECTRIC POWER BY USING PRESSURE OF SHOES.

(51) International classification	:F03B 13/00, A43B3/00,a43b9/00	(71)Name of Applicant : 1)SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY Address of Applicant :DIRECTOR, SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, VISHNUPURI, NANDED-431 606, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)WAGHMARE LAXMAN M.
(33) Name of priority country	:NA	2)TUNGIKAR V.B.
(86) International Application No	:NA	3)SHARMA S.B.
Filing Date	:NA	4)CHILE RAJAN H.
(87) International Publication No	: NA	5)THOOL RAVINDRA C.
(61) Patent of Addition to Application Number	:NA	6)BONKINPELLIWAR KSHITIJ RATNAKAR
Filing Date	:NA	7)MULE CHETAN RAMESH
(62) Divisional to Application Number	:NA	8)PAWAR RAJKUMAR PREMSING
Filing Date	:NA	9)DHOLE RAHUL NARAYAN
		10)UNDRE VISHAL SHIVAJI

(57) Abstract :

One of the largest problem of the world are energy crisis and among those electrical energy crisis is crucial one. This invention proposes new method to use this energy source and convert it into electrical form. Therefore we hereby they can use muscular energy to generate electricity for mobile charging, iPod etc. the. In this innovative method the muscular energy is used to produce electrical energy. As compared to other methods to produce electrical energy this method is much cost effective.

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :21/02/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHARGER FREE MOBILE PHONE

(51) International classification	:H04W 88/02, H04L 29/06	(71)Name of Applicant : 1)SHAIKH RIJWAN SHAIKH NURUL ISLAM Address of Applicant :DWARKA NAGAR, BHUSAWAL- 425 201, DIST.: JALGAON, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SHAIKH RIJWAN SHAIKH NURUL ISLAM
(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 :

The present invention discloses a mobile with an integrated charging system. The mobile with the integrated charging system comprises the lower part that includes an at least two holes and a groove. The integrated charging system includes a disc configured below the groove of the lower part. The disc includes a plug (10) having at least two prongs that is being capable of retractably extending through the at least two holes of the lower part (6), and a button (10a) that is fixedly secured with the plug. The button (10a) is slideably configured in a bottom IN position and a top OUT position. The integrated charging system also includes a battery (30) and a circuit module (40) having one end connecting with the battery (30) and other end adaptably connecting the at least two prongs of the plug (10) through a plurality of connecting wires.

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1783/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A SYSTEM FOR EMERGENCY ALERT

(51) International classification	:H04N7/16, H04N7/08	(71) Name of Applicant : 1)SHAH NEEL HITENDRA Address of Applicant :D27 MANGALAM HOUS SOC, OPP ISCON HEIGHTS, B/H HARIKRUPA SOC, GOTRI ROAD, VADODARA-390021, GUJARAT, INDIA 2)PATEL BRINDA TUSHAR
(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)SHAH NEEL HITENDRA
(61) Patent of Addition to Application Number	:NA	2)PATEL BRINDA TUSHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for emergency alert. Specifically, the present invention relates to a system for emergency alert that focuses on overcoming the difficulties faced during emergencies and to provide the speedy transportation to the nearest possible Emergency centre.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2203/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : GREEN PROCESS FOR THE PREPARATION OF METHYL 5-(PHENYL THIO)-1H-BENZO[D]IMIDAZOLE-2-YLCARBAMATE

(51) International classification :C07D235/32,C07C335/38
(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 :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LASA LABORATORY PVT. LTD.

Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C.,
INOL AREA, MAHAD, DIST. RAIGAD, PIN-402309,
MAHARASHTRA, INDIA

(72)Name of Inventor :

1)HERLEKAR; OMKAR PRAVIN

(57) Abstract :

Present invention relates to green process for the preparation of benzimidazole derivative methyl 5-(phenyl thio)-lh-benzo[d]imidazole-2-ylcarbamate compound of structural formula (V) use as an anthelmintic.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2758/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLAR STOVE FOR INDOOR COOKING

(51) International classification	:F24J2/46, F24J2/02, F24J2/38	(71)Name of Applicant : 1)RAVINDRA DESHMUKH Address of Applicant :31/2, MOTI NAGAR, WARD 3, IN FRONT OF MARUTI MARVAL, BETUL 460 001 Madhya Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAVINDRA DESHMUKH
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 :

The concept of this project to utilizes the solar energy for cooking the food inside the kitchen, The solar stove design shown in project is ideal and unique for indoor cooking. The solar collector collect the solar rays using concave reflector & lenses & transfer it inside the kitchen with the help of reflector & lenses & utilizes these solar energy for cooking the food with the help of solar stove as shown in figure below.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2230/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : COWL SPECIAL

(51) International classification

:A01M1/02

(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)DEVILAL LILHARE

Address of Applicant :WARD NO.16, NEAR TELEPHONE
EXCHANGE, BHARWELI, TAH & DISTT.: BALAGHAT,
481102 Madhya Pradesh India

(72)Name of Inventor :

1)DEVILAL LILHARE

(57) Abstract :

A device is useful for controlling the disease of Dengue & Chikengunia throughout urban & rural areas which is very easy to fit on the gas pipe of septic tank & severe line. The device is important rigid pvc items mainly fitted non corrosive metal wire mesh 15 of twelve nos inside of gas passing opening 18, in fig. 2, By providing the protective disc on top of device protect cowl complete from sun & rain.

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2231/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SAFETY PAD KITCHEN

(51) International classification	:F24C 3/12, A47J 27/09	(71)Name of Applicant : 1)DEVILAL LILHARE Address of Applicant :WARD NO.16, NEAR TELEPHONE EXCHANGE, AT & POST: BHARWELI, TAHL & DISTT.: BALAGHAT, 481 102. Madhya Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DEVILAL LILHARE
(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 :

The safely pad kitchen relates to the safely point of use to protect from fire & injury during cooking by using loose cloth for handling. It is very simple, durable & flexible. There is no problem of electric sock because the material used in manufacturing is non-conductor of electivity. It can be used any side, so there is no problem of uper or lower. At present, poor performers of spancer (sansì) causes so many instance of injuries by hot liquid to the body. To avoid the instances of fire by using loose cloth & improper griping of spancer (sausi) to sliping of pots, safely pad kitchen is fully helpful & useful.

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1759/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF TRIAZINE DERIVATIVE USED AS AN INSECTICIDE

(51) International classification	:C07D251/70, A01P7/04,C07D251/54	(71) Name of Applicant : 1)LASA LABORATORY PVT. LTD Address of Applicant :PLOT NO. C-105, MAHAD M.I.D.C., INOL AREA, MAHAD, DIST- RAIGAD, PIN-402309, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TELVEKAR, VIKAS NARENDRA
(87) International Publication No	: NA	2)HERLEKAR; OMKAR PARVIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to an improved process for the preparation of triazine derivative of compound of formula I used as an insecticide with high yield and high purity.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2461/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :31/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : THE HIDING SPEED-BREAKER

(51) International classification	:G08G 1/08, G01P 3/42,G01P21/02	(71)Name of Applicant : 1)SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY Address of Applicant :DIRECTOR, SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, NANDED-431606, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)CHILE RAJAN HARI
(33) Name of priority country	:NA	2)THOOL RAVINDRA CHANDRABHAN
(86) International Application No	:NA	3)PATIL MANOJ KASHINATH
Filing Date	:NA	4)PAWALE SATISH ROHIDAS
(87) International Publication No	: NA	5)CHANDAN AJAYSINGH T.
(61) Patent of Addition to Application Number	:NA	6)SOLANKI CHETAN RAJESH
Filing Date	:NA	7)DESHMUKH SNEHAL RAGHUNATH
(62) Divisional to Application Number	:NA	8)DHOLE RAHUL NARAYAN
Filing Date	:NA	9)UNDRE VISHAL SHIVAJI

(57) Abstract :

The growth of nation is depend on business and road transportation is backbone of business. So. the highways play important role in the development of nation. Lot of villages, schools, colleges are situated at beside of highways. For the safety of the peoples speedbreakers are placed near to villages, schools, colleges etc. This is applicable only for days but at night times they act as obstacle to vehicles. This invention proposes the kind of speed which not only safe but also does not act obstacle to vehicles.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2725/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : BIOSURFACTANT FUNCTIONALIZED BIODEGRADABLE FILLER AND POLYMER COMPOSITE DERIVED THEREFROM

(51) International classification	:C07H 15/06,C08L23/00, C11D1/00
(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)NORTH MAHARASHTRA UNIVERSITY

Address of Applicant :NORTH MAHARASHTRA
UNIVERSITY P.B. NO. 80, UMAVINAGAR, JALGAON,
425001, Maharashtra India

(72)Name of Inventor :

1)ANIRUDDHA CHATTERJEE

2)DEBASREE KUNDU

3)CHINMAY HAZRA

4)AMBALAL CHAUDHARI

5)SATYENDRA MISHRA

(57) Abstract :

The present invention is directed to a composition comprising of a filter surface modified with a biosurfactant having at least one functional group capable to react with an acid or an anhydride, at least one non-biodegradable or biodegradable polymeric material and a compatibilizer. The said composition consists of at least one non-biodegradable or biodegradable thermoplastic polymer in an amount of about 70 to about 99 % by weight of the total composition, a filler in an amount of about 1 to about 30 % by weight of the total composition, at least one aliphatic/aromatic compatibilizer in an amount of about 1 to about 15 % by weight of the total composition. The uniform desired dispersion of the fillers is obtained by adding small particles of the filler to a melt of the polymer and blending using high shear equipment. The biosurfactant modified approach of the present invention results in a final product with improved physical as well as biodegradable and biocompatible properties.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4043/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR A BIG DATA ANALYTICS ENTERPRISE FRAMEWORK

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Ma Foi Analytics and Business Services Private Limited
(32) Priority Date	:NA	Address of Applicant :No.423, 2nd Floor, Lotus Towers, 27th
(33) Name of priority country	:NA	Main Sector 1, HSR Layout, Bangalore - 560102 Karnataka, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Satish Ayyaswami
(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 method and system for providing big data analytics framework for predictive and qualitative analysis for application developers, data scientists and system engineers without having technology specific programming experience. Further the framework contains adapt-ers for the software engineers to configure the big data hub, wherein these software engi-neers can easily share, store, process and predict functionalities with the data scientists and user interface (UI) developers.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4125/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :23/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : ADAPTER FOR SUBSCRIBER IDENTITY MODULE (SIM)

(51) International classification

:g06k

(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)BALAKRISHNA YERRAM

Address of Applicant :C/o Bhagyalaxmi Industries, 51, EC
Extn, Kushaiguda, Hyderabad-500062, Telangana, India.

(72)Name of Inventor :

1)BALAKRISHNA YERRAM

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a SIM card adapter comprising a groove formed over an adapter body, wherein at least one side wall of the groove consist a pattern of ridges for enabling a free movement of the SIM card adapter through a plurality of contacts formed in SIM card slot.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4248/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :01/09/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOW CALORIE OPTIMIZED NUTRIENT FOOD

(51) International classification	:a23l	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VADAKKEMURI MATHEW JOLLY
(32) Priority Date	:NA	Address of Applicant :KOCHERY HOUSE, MALIEKAL
(33) Name of priority country	:NA	ROAD, THEVERA P.O, KOCHI - 682 013 Kerala India
(86) International Application No	:NA	2)KOCHERY PAUL THOMSON
Filing Date	:NA	3)KOCHERRY PAULOSE THOMSON JOLLY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VADAKKEMURI MATHEW JOLLY
Filing Date	:NA	2)KOCHERY PAUL THOMSON
(62) Divisional to Application Number	:NA	3)KOCHERRY PAULOSE THOMSON JOLLY
Filing Date	:NA	

(57) Abstract :

The present invention discloses a low calorie optimized nutrient food for optimization of bodily functions, maintenance of health, delay aging, prevention of diseases including underweight, menstrual irregularity, reproductive problems, heart disease, hypertension, diabetes, arthritis, allergy, and cancer and the method of preparing the same. It comprises of all essential and nonessential nutrients; high content of omega 3 and 6 fatty acid in the ratio of 1:1; high dietary fiber with phytonutrients; high protein with complete amino acids; optimized with vitamins and minerals as per daily value recommendations of FDA. Calorie is kept low by minimizing the saturated fat, starch and sugar. This formulation is not having any cholesterol, trans-fat, preservative, coloring agent, or artificial flavoring agent. Unit of 150g of dry powder with adequate water (2000ml or above as per climatic condition) will give all nutrients needed for a day as per daily value; with calorie value of 650.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3464/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : FRIDGE WITH FOOD HEATER

(51) International classification

:f25d

(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)J. GUNASEELAN

Address of Applicant :PLOT NO. 1478-B1, DOOR NO. 27/1,
10TH CROSS STREET, POOMPUHAR NAGAR, KOLATHUR,
CHENNAI - 600 099 Tamil Nadu India

2)K. GANESH PRABHU

3)K.G. MAHESWARAN

(72)Name of Inventor :

1)J. GUNASEELAN

2)K. GANESH PRABHU

3)K.G. MAHESWARAN

4)V. KARTHIK RAJ

5)J. JOHNSON

(57) Abstract :

The refrigerators present in the market nowadays are only used for keeping the food cool enough to be stored for longer period whereas the invention aims to use the heat energy wasted from the condenser COJI to heat the cold food which may be taken from the refrigerator. The heating condenser coil is placed above the refrigerator freezer box and a fan circulates hot air inside the heater compartment. The heater compartment will keep the food warm and this arrangement also reduces the energy consumption of the refrigerator. The temperature inside the heating compartment is automatically controlled by a sensor and a bypass valve

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4075/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATICALLY TESTING PERFORMANCE OF HIGH-VOLUME WEB NAVIGATION GRAPH SERVICES

(51) International classification

:g01r

(31) Priority Document No

:14/175,114

(32) Priority Date

:07/02/2014

(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 :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)SOURAV SAM BHATTACHARYA

2)MOHAMMED ASHARAF

(57) Abstract :

The present disclosure relates to methods and systems for testing navigation graph services. Embodiments of the present disclosure may provide a directed graph based on a navigation graph service, determine a set of paths between nodes in the directed graph, and generate a testing script for an arbitrary performance testing tool based on the determined set of paths. The set of paths may comprise edge-disjoint paths between nodes in the directed graph.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4079/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR PERFORMING SECURITY AUDIT FOR AN EXECUTABLE CODE

(51) International classification

:g06f

(31) Priority Document No

:14/176,516

(32) Priority Date

:10/02/2014

(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 :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)SOURAV SAM BHATTACHARYA

(57) Abstract :

This disclosure relates to methods and systems for performing software security audit for an executable code, the method comprising: receiving, by a hardware processor, the executable code along with a plurality of life-cycle artifacts associated with the executable code; performing a security assessment on the executable code and the plurality of life-cycle artifacts associated with the executable code to identify one or more potential security issues associated with the executable code; determining a first set of questions based on the identified one or more security issues associated with the executable code; determining a second set of questions based on a requirements specification associated with the executable code; and performing a security audit session with one or more audit participants based on the first set of questions and the second set of questions.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3511/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUTOMATED ROTOR FOR WIND MILLS

(51) International classification

:f03d

(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)I.BOSCO

Address of Applicant :No 5, krishna nagar, Near sowripalayam
ESI, Sowripalayam, Coimbatore. Tamil Nadu India

(72)Name of Inventor :

1)I.BOSCO

(57) Abstract :

The present invention relates to a wind mills. The invention discloses a drive arrangement disposed to run the turbine rotor assembly at predetermined speed to facilitate the production of electricity whenever the wind velocity is insufficient to drive the wind turbine assembly. The drive arrangement comprises an independent motor which is drivingly connected to the turbine rotor assembly.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3577/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : VISUAL CONTROL APPROACH FOR DETECTION OF FUEL LEVEL IN GAS CYLINDER INCORPORATED WITH GSM TECHNOLOGY

(51) International classification

:h04w

(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)N. SUBRAMANIAN

Address of Applicant :THIAGARAJAR COLLEGE OF
ENGINEERING, MADURAI - 625 015 Tamil Nadu India

(72)Name of Inventor :

1)S.R. VINAIYAK

(57) Abstract :

Visual control is a technique employed in many places where information is communicated using visual signals instead of texts or other written instructions. It is one of the predominant lean tools focusing on value enhancement to users. In our day to day life, non-renewable energy like LPG, bio gas plays a vital role for most of our requirement such as cooking, transportation etc. The fuel consumption of cylinder while cooking may not be known to user and there will be insufficient time for ordering a new cylinder. So there exists a need for developing a device which signals exhaust of fuel. In this work, we developed a mechanism for detecting fuel level drop in the cylinder incorporated with GSM based technology for sending message to supplier. The benefit of detecting fuel level in cylinder is that user can efficiently use fuel while cooking. The fuel level drop will be detected using an ultrasonic sensor and processed using micro controller accordingly percentage of fuel inside cylinder will be displayed using visual control and LED lights are used for fuel level indication; such as green light to indicate sufficient level of fuel and red light to indicate insufficient fuel level and simultaneously message will be sent to the concerned company with particular address using GSM technology. This indicator mechanism will help supplier to deliver cylinder before the fuel level gets exhausted.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2014

(21) Application No.4098/CHE/2014 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ALLOCATING INVESTMENT FUND FOR AN APPLICATION

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:14/173,436	1)WIPRO LIMITED
(32) Priority Date	:05/02/2014	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:U.S.A.	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SOURAV SAM BHATTACHARYA
(87) International Publication No	: NA	2)MOHAMMED ASHARAF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for optimizing investment fund allocation for an application is provided. The method may include identifying a directed graph representative of the application, the directed graph comprising a plurality of nodes and paths, where an incremental investment amount and an incremental revenue value are associated with the respective nodes and paths. The method may further include determining, using a computer processor, a path of the directed graph that provides a maximum return on investment among the plurality of paths of the directed graph. The method may further include allocating an investment amount, equaling the incremental investment amount associated with the path, to the path of the directed graph, and updating the incremental revenue value associated with the respective nodes and paths based on the incremental revenue value associated with the path of the directed graph.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1828/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VISUALIZING HIGH CARDINALITY CATEGORICAL DATA

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAS Institute, Inc.
(32) Priority Date	:NA	Address of Applicant :SAS Campus Drive, Cary, North
(33) Name of priority country	:NA	Carolina 27513, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Krishnan PR
(87) International Publication No	: NA	2)Prasad Pawar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-program causing a computing device to perform an association measurement 5 between a target variable and each non-target variable of a data set; select non-target variables for inclusion in a visualization based on the degree of association; perform correspondence analysis between target values of the target variable and non-target values of each selected non-target variable; order target value markers within a target row based on the degrees of closeness; order non-target value markers within each non-target row based on the 10 degrees of closeness; determine a width of each target value marker based on a frequency of occurrence of its target value in the data set; determine a width of each non-target value marker based on a frequency of occurrence of its non-target value in the data set; and cause generation of the visualization with connection markers emanating from the target value markers and extending among the non-target value markers.

No. of Pages : 85 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1730/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE ACTING RECIPROCATING PUMP USING MAGNETS

(51) International classification	:b23d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A. HARI SANKAR
(32) Priority Date	:NA	Address of Applicant :9, SRI CHAKRA NAGAR,
(33) Name of priority country	:NA	KANNADASAN STREET, UTCHAPARAMEDU,
(86) International Application No	:NA	THIRUPALAI, MADUURAI - 625 017 Tamil Nadu India
Filing Date	:NA	2)S. IMANUEL RAJAN
(87) International Publication No	: NA	3)G. PRAKASH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)A. HARI SANKAR
(62) Divisional to Application Number	:NA	2)S. IMANUEL RAJAN
Filing Date	:NA	3)G. PRAKASH

(57) Abstract :

In our project piston rod may also be provided.All type of electro magnets can be used. Casing may be of any kind of material.This system can be used in various field, where ever Double Acting Reciprocating pump is used.

No. of Pages : 14 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A COMPOSITION FOR PARTIAL REPLACEMENT OF ORDINARY PORTLAND CEMENT

(51) International classification	:C04B 28/00	(71)Name of Applicant : 1)Sanjaya Kumar Patro Address of Applicant :School of Civil Engineering KIIT University, Bhubaneswar, Odisha, Pin-751024, Orissa India 2)Prasanna Kumar Acharya
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sanjaya Kumar Patro
(87) International Publication No	: NA	2)Prasanna Kumar Acharya
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention deals with a binding-gel composition with improved strength and durability properties wherein pozzolanic material in combination with binding material was used for preparation of concrete by partial replacement of ordinary Portland cement. The pozzolanic material includes ash from gas cleaning plant of ferrochrome industry with proportion in the range of 0 to 40% and the said binding material comprising lime stone dust or hydraulic lime. Moreover, the strength properties of said composition include but not limited to compressive, flexural and split tensile strength and increasing up to 10% than ordinary Portland cement at 28 days.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.884/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A RICE HULLER CUM POLISHING MACHINE.

(51) International classification	:B02B 3/00	(71)Name of Applicant : 1)JINDAL, Umang
(31) Priority Document No	:NA	Address of Applicant :D/65 BLOCK D, NEW ALIPORE,
(32) Priority Date	:NA	KOLKATA 700053, WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JINDAL, Umang
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 :

The present invention relates to a power driven rice huller cum polishing machine for efficient combined action of removing husk/bran from rice and also polishing the rice grains to achieve clean white surface appearance. Advantageously, the rice huller machine comprises plurality of hollow cylindrical cast iron shells with profiled ribs and selective geometry formed on shells along length mounted on a shaft rotating at desired speed within a housing and provision of a blade disposed with selective gap with shell surface ensure complete removal of husk from rice with minimum breakage of rice and finally polishing the surface of rice in the last shell, as the feed proceed over the shells from inlet hopper to outlet spout. Importantly, the rice huller is capable of complete gravity based separation of husks, dust and broken rice from good quality whole rice grains carried by air stream in a discharge pipe which are collected separately in discharge bins.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :26/07/2010

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLAR THERMAL SUN TRACKER

(51) International classification

:F24J
2/00

(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 HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS

DIVISION (ROD), PLOT NO : 9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA - 700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA

(72)Name of Inventor :

1)SHRI RAMESH PAWAR MAMIDI

(57) Abstract :

The invention relates to an automatically reorientable solar thermal sun Tracker for tracking the Sun from morning to evening to produce increased power output, comprising a supporting structure consisting of one each top, middle and bottom portion, the top portion formed of a panel fixing frame detachably attaching a plurality of photovoltaic (PV) modules, the middle portion constituting a pipe structure with a base plate affixed at a lower middle end, the upper middle end of the middle portion having a shaft rigidly connected to a shaft fixing frame, the shaft extending between at least two bearings provided to the panel fixing frame, the bottom portion of the structure accommodating the base plate of the middle portion via a base frame; at least two containers having different quantity of Zone-friendly volatile fluid placed at the extreme ends of the panel fixing frame which rotates along East to West direction with the axis of rotation oriented North - South, the containers flowably connected via an inter-connecting tube for fluid-transfer; a plurality of shadow casting covers provided to the containers such that depending on the position of the sun, the covers allow the respective container distal to the sun rays to receive higher impingement causing temperature differential of the volatile liquid in two containers which leads to inter-transfer of the liquid between the containers including application of gravitational force in the containers; and a capillary tube provided inside the container passing through the inter-connecting tube, to allow flow of liquid from one container to the other container, making it possible for the tracker to automatically tilt from West to East direction in the morning after the sunrise, and east to west direction during the day time, the tracker remains facing the west after the sun set.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :22/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A METHOD FOR PRODUCTION OF EXTRACELLULAR CELLULOLYTIC ENZYMES FOR EFFICIENT DEGRADATION OF CELLULOSE CONTAINING SUBSTRATES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	9/00	1)TALUKDAR, NARAYAN CHANDRA
(32) Priority Date	:NA	Address of Applicant :C/O INSTITUTE OF
(33) Name of priority country	:NA	BIORESOURCES AND SUSTAINABLE DEVELOPMENT,
(86) International Application No	:NA	DEPARTMENT OF BIOTECHNOLOGY, GOVERNMENT OF
Filing Date	:NA	INDIA, IMPHAL, MANIPUR- 795 001, INDIA
(87) International Publication No	: NA	2)GAYARI, SAILENDRA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TALUKDAR, NARAYAN CHANDRA
(62) Divisional to Application Number	:NA	2)GAYARI, SAILENDRA
Filing Date	:NA	

(57) Abstract :

A method for un-interrupted production of extracellular cellulolytic enzymes from the fungus Talaromyces verruculosus SGMNPF3 for efficient degradation of cellulose containing substrates is disclosed which comprises sample collection and isolation of microorganisms from decomposed litters and organic rich samples, pre-screening of cellulolytic microorganisms for cellulose activity to select the microorganisms which have the potential for cellulose degradation and deciphering the fungus Talaromyces verruculosus SGMNPF3 to have the maximum potential for cellulose degradation.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.898/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR CONTROLLING PHYTOPATHOGEN IN TOMATO

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)DEKA, SURESH
(31) Priority Document No	:NA	Address of Applicant :C/O INSTITUTE OF ADVANCED
(32) Priority Date	:NA	STUDY IN SCIENCE AND TECHNOLOGY, AN
(33) Name of priority country	:NA	AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF
(86) International Application No	:NA	SCIENCE & TECHNOLOGY, GOVT. OF INDIA, VIGYAN
Filing Date	:NA	PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI -
(87) International Publication No	: NA	781 035, ASSAM, INDIA
(61) Patent of Addition to Application Number	:NA	2)LAHKAR, JIUMONI
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DEKA, SURESH
Filing Date	:NA	2)LAHKAR, JIUMONI

(57) Abstract :

A method for controlling phytopathogen *Alternaria solani* for substantially curing early blight disease in tomato comprises applying crude rhamnolipid biosurfactant, obtained from bacterial isolate *Pseudomonas aeruginosa* JS29, in concentrations varying between 0.75 g L⁻¹ and 1.5 g L⁻¹ by weight on tomato, grown in field condition, for a suitable duration to substantially control phytopathogen *Alternaria solani* - the causal organism of early blight disease in tomato. FIG 5

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.899/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A NEW METHOD OF CONTROLLING FUSARIUM WILT OF PEA

(51) International classification	:A01N 63/00	(71)Name of Applicant : 1)DEKA, SURESH
(31) Priority Document No	:NA	Address of Applicant :C/O INSTITUTE OF ADVANCED
(32) Priority Date	:NA	STUDY IN SCIENCE AND TECHNOLOGY, AN
(33) Name of priority country	:NA	AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF
(86) International Application No	:NA	SCIENCE & TECHNOLOGY, GOVT. OF INDIA, VIGYAN
Filing Date	:NA	PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI -
(87) International Publication No	: NA	781 035, ASSAM, INDIA
(61) Patent of Addition to Application Number	:NA	2)BORAH, SIDDHARTHA NARAYAN
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DEKA, SURESH
Filing Date	:NA	2)BORAH, SIDDHARTHA NARAYAN

(57) Abstract :

A method for controlling phytopathogen *Fusarium oxysporum* f. sp. pisi (Fop) in pea seeds/seedlings for substantially inhibiting wilt of pea plants comprises applying crude rhamnolipid biosurfactant, obtained from bacterial isolate *Pseudomonas aeruginosa* strain SS14; in concentrations of at least around 25µg ml⁻¹ by weight on pea seeds/seedlings for a suitable duration to substantially control phytopathogen *Fusarium oxysporum* f. sp. pisi (Fop) for totally inhibiting wilt of pea plants.

No. of Pages : 36 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.892/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : A METHOD FOR COAGULATION OF RUBBER LATEX

(51) International classification	:C08C 1/00	(71)Name of Applicant : 1)SRIMANTA RAY
(31) Priority Document No	:NA	Address of Applicant :Assistant Professor, Dept. of Chemical
(32) Priority Date	:NA	Engineering National Institute of Technology, Agartala Jirania,
(33) Name of priority country	:NA	Tripura (West), Pin-799055 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIMANTA RAY
(87) International Publication No	: NA	2)SAPTARSHI GUPTA
(61) Patent of Addition to Application Number	:NA	3)RAJA SAHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention deals with an alternate method of rubber latex coagulation that can be used to produce rubber for rubber goods from stabilized or un-stabilized rubber latex, having quality at par with the commercial rubber in an environmentally benign, less chemical intensive and economic way. The presented route can be used to coagulate rubber in a controlled fashion directly on desired forms for various rubber goods using electrostatic charge generated from renewable and non-renewable power source. The invention presents a systematic study to define the control variables and governing relationship of the control parameters with respect to rubber coagulation/mass of rubber coagulated. The applied potential, coulomb transport rate (current), time, ionic strength (salt concentration in latex) and rubber content of the latex are the variables/process parameter defined to control rubber coagulation for rubber latex.

No. of Pages : 26 No. of Claims : 10

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.1004/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLUSHING A FLUID LINE FROM A MEDICAL PUMP

(51) International classification :A61M5/14,A61M5/142,A61M5/168
(31) Priority Document No :61/388955
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043684
Filing Date :12/07/2011
(87) International Publication No :WO 2012/044388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SMITHS MEDICAL ASD INC.
Address of Applicant :160 Weymouth Street Rockland MA
02370 U.S.A.
(72)Name of Inventor :
1)LEDFORD Ricky L.
2)CHOUDHARY Sachin Kumar
3)PATOROS Lori Lynette

(57) Abstract :

A method and medical pump (10) to perform a flushing procedure are provided. The medical pump (10) is configured to execute the flushing procedure subsequent to an infusion procedure the flushing procedure and infusion procedure lacking a specified relationship between each other until after performance of the infusion procedure. The method comprises performing an infusion procedure of a medicament with the medical pump (10) and automatically querying in human detectable form whether to execute a flushing procedure in response to conclusion of the infusion procedure.

No. of Pages : 34 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1024/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WINDSHIELD WIPING DEVICE

(51) International classification	:B60S1/04
(31) Priority Document No	:10 2010 039 577.3
(32) Priority Date	:20/08/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/062903
Filing Date	:27/07/2011
(87) International Publication No	:WO 2012/022592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart
Germany
(72)Name of Inventor :
1)VAN DE ROVAART Robert Jan
2)HEINRICH Laurent

(57) Abstract :

The invention relates to a windshield wiper device (1) for a motor vehicle, comprising a wiper motor (8) and at least one wiper mounting (5, 6) in which a wiper shaft (3, 4) is mounted, said wiper shaft being drivable by means of the wiper motor (8) in order to actuate at least one wiper arm that is connected to the wiper shaft (3, 4), and comprising a fixing arrangement for connecting the windshield wiper device (1) to a body (13) of the motor vehicle. The fixing arrangement comprises a motor support (14) to which the wiper motor (8) can be fixed. The fixing arrangement comprises an adjusting mechanism (17, 22) that is rotatably connected to the motor support (14) in order to adjust a space between the motor support (14) and the vehicle body (13) in stages by simple twisting of the adjusting P mechanism (17, 22) in order to correct an orientation of the wiper mounting (5, 6) relative to a windshield of the motor vehicle by means of the adjusting mechanism (17, 22).

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1047/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR SHARING DATA AND SYNCHRONIZING BROADCAST DATA WITH ADDITIONAL INFORMATION

(51) International classification :H04N21/462,H04N21/8547
(31) Priority Document No :61/370488
(32) Priority Date :04/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063275
Filing Date :02/08/2011
(87) International Publication No :WO 2012/016975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NAGRAVISION S.A.
Address of Applicant :Route de Gen`ve 22 24 CH 1033
Cheseaux sur Lausanne Switzerland
(72)Name of Inventor :
1)KUDELSKI Andr
2)NICOLAS Christophe

(57) Abstract :

A method for sharing data and synchronizing broadcast data with additional information the broadcast data and the additional information being provided by at least two distinct sources to a multimedia device. The method comprises steps of: receiving by a data extractor associated to the multimedia device broadcast data from a first source and extracting first metadata from the broadcast data accessing by the multimedia device to additional information provided by a second source by using the first metadata and obtaining from the additional information second metadata and additional content data related to a content of the broadcast data merging and synchronizing by the multimedia device the second metadata and the additional content data with the content of the broadcast data and obtaining modified broadcast data

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1096/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AIR FLOW CONTROLLING PICK UP HEAD APPARATUS

(51) International classification :E01H1/08,A47L11/24,A47L11/40

(31) Priority Document No :61/361588

(32) Priority Date :06/07/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2011/000762

Filing Date :06/07/2011

(87) International Publication No :WO 2012/003573

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VANDERLINDEN Roger

Address of Applicant :1100 Burloak Drive Suite 300
Burlington Ontario L7L 6B2 Canada

(72)Name of Inventor :

1)VANDERLINDEN Roger

(57) Abstract :

An air flow controlling pick up head for use with a surface cleaning vehicle comprises a main shroud extending between a left end and a right end. The main shroud has dust and debris outlet disposed between the left end and the right end a substantially hollow interior and a bottom opening. A first baffle is disposed within the substantially hollow interior of the main shroud. The first baffle is movable to any selected one of a plurality of flow positions including a full flow position and a minimized flow position. A first control mechanism is connected to the first baffle for permitting selective control of the flow position of the first baffle.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1005/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTERASSOCIATING DATA OF A MEDICAL DEVICE

(51) International classification :G06F19/00

(31) Priority Document No :61/388964

(32) Priority Date :01/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/043695

Filing Date :12/07/2011

(87) International Publication No :WO 2012/044389

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SMITHS MEDICAL ASD INC.

Address of Applicant :160 Weymouth Street Rockland MA
02370 U.S.A.

(72)Name of Inventor :

1)LEDFORD Ricky L.

2)HAGG Jessica Dawn

(57) Abstract :

Methods a medical device (1 10) and a computing system (RC 92) configured to interassociate data of the medical device (1 10) are provided. The medical device (1 10) uses a processor (2 40) to collect or develop data (B) and include a respective event set identifier (C 60) with data (B) collected or developed in connection with activity starting with a respective identifiable event of the medical device (1 10). The data (B) may thus be parsed based on the event set identifier (C 60) to access data (B) for an identifiable event.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1049/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRANSMITTER TRANSMISSION METHOD AND PROGRAM

(51) International classification :H04N7/173,A61B19/00,H04N7/26
(31) Priority Document No :2011131672
(32) Priority Date :13/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064535
Filing Date :06/06/2012
(87) International Publication No :WO 2012/173020
(61) 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)RANATUNGA Vijitha Sanjeewa

(57) Abstract :

PRESENT TECHNOLOGY RELATES TO A TRANSMISSION DEVICE, TRANSMISSION METHOD, AND PROGRAM WHICH MAKE IT POSSIBLE TO LIMIT IMAGE CORRUPTION, ETC. PRODUCED WHEN AN IMAGE TRANSMITTED FIXIM A DATA TRANSMISSION PATN I S DISPLAYED WITH LOW DELAY. A N RTP COMMUNICATION UNIT ACQUIRES AN ADJUSTMENT QUANTITY FOR ADJUSTING A CAPTURE TIM ING AT WHICH THE CAPTURE O F AN IMAGE I S STARTED, A CAPTURE ADJUSTMENT UNIT ADJUSTS THE CAPTURE TIMING ON THE BASIS O F THE ADJUSTMENT QUANTITY, A CAPTURE UNIT CAPTURES AN IMAGE IN SYNCHRONIZATION WITH THE ADJUSTED CAPTURE TIMING, AND THE RTP COMMUNICATION UNIT TRANSMITS THE CAPTURED IMAGE TO A RECEIVER. THE PRESENT TECHNOLOGY CAN B E APPLIED TO, FOR EX AMPLE, A TRANSMITTER WHICH CAPTURES AND TRANSMITS IMAGES.

No. of Pages : 73 No. of Claims : 10

(54) Title of the invention : METHOD AND APPARATUS TO REDUCE THE NUMBER OF SPERM USED IN ARTIFICIAL INSEMINATION OF CATTLE

(51) International classification :A61D7/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/US2010/045028
 Filing Date :10/08/2010
 (87) International Publication No :WO 2012/021127
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)STROUD Brad R.
 Address of Applicant :6601 Grandbury Highway Weatherford
 TX 76087 U.S.A.
 (72)**Name of Inventor :**
1)STROUD Brad R.

(57) Abstract :

The present artificial insemination instrument may include: a) a single use, hollow, elongate, metal pipette and b) a single disposable syringe that is not toxic to bovine sperm. Other components may be added in alternative embodiments. The AI apparatus of the present invention is used with any type of diluent that is not toxic to bovine sperm in an amount determined by a Bovine AI Technician. In one embodiment, the present invention uses reduced sperm count semen straws from a Bull Stud, which is not sex sorted. In another embodiment, the Bovine AI Technician may cut an unsorted semen straw with about 20 million sperm into several pieces to use one piece at a time per cow, to effectively reduce the sperm count during insemination. In yet another embodiment, reduced sperm count semen straws may be filled with sex sorted semen by the manufacturer. In another embodiment the AI Technician may thaw one straw and immediately mix the non-sorted semen with enough diluent to inseminate two or more o females. A procedure is disclosed to use a) the artificial insemination instrument, b) reduced sperm count semen from any of the aforementioned sources, c) a non-toxic syringe and d) a diluent to achieve conception rates at least as good as conventional conception rates with prior art devices and procedures.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1101/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUTOMATED TRAFFIC ENGINEERING FOR FAT TREE NETWORKS

(51) International classification	:H04L12/56,G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:61/373928	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:16/08/2010	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/053221	1)ALLAN David Ian
Filing Date	:19/07/2011	2)MANSFIELD Scott Andrew
(87) International Publication No	:WO 2012/023067	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of a method implemented in at least one fat tree network node for improved load distribution wherein the node is one of a plurality of fat tree network nodes in a fat tree network each of which implement a tie breaking process to produce minimum cost trees is described. In some embodiments a spanning tree computation for each root node of the fat tree network in order from a lowest ranked root node to a highest ranked node is performed a filtering database for each root node of the fat tree network wherein the filtering database includes a set of media access control (MAC) addresses of the leaf nodes of the fat tree network generated and link utilization for each computed tree to use as a prefix to link identifiers used for at least one tie breaking algorithm added.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1009/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : REINFORCED THERMOPLASTIC ARTICLES COMPOSITIONS FOR THE MANUFACTURE OF THE ARTICLES METHODS OF MANUFACTURE AND ARTICLES FORMED THEREFROM

(51) International classification	:D04H1/541
(31) Priority Document No	:61/382629
(32) Priority Date	:14/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051562
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/037225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SABIC INNOVATIVE PLASTICS IP B.V.
Address of Applicant :Plasticslaan 1 NL Netherlands 4612 PX
Bergen op Zoom Netherlands
(72)**Name of Inventor :**
1)ADJEI Thomas
2)DAVID Benny Ezekiel
3)LOCKYER Dennis
4)MILNE Craig
5)TEUTSCH Erich Otto

(57) Abstract :

A composition for the manufacture of a porous compressible article the composition comprising a combination of: a plurality of reinforcing fibers; a plurality of polyimide fibers; and a plurality of polymeric binder fibers; wherein the polymeric binder fibers have a melting point lower than the polyimide fibers; methods for forming the porous compressible article; and articles containing the porous compressible article. An article comprising a thermoformed dual matrix composite is also disclosed wherein the composite exhibits a time to peak release as measured by FAR 25.853 (OSU test) a 2 minute total heat release as measured by FAR 25.853 (OSU test) and an NBS optical smoke density of less than 200 at 4 minutes determined in accordance with ASTM E 662 (FAR/JAR 25.853).

No. of Pages : 38 No. of Claims : 37

(54) Title of the invention : METHOD FOR THE PRODUCTION OF AN ELEMENT SUBJECT TO WEAR ELEMENT SUBJECT TO WEAR AND TEMPORARY AGGREGATION STRUCTURE TO PRODUCE SAID ELEMENT SUBJECT TO WEAR

(51) International classification :B22D19/02,C22C33/02,C22C47/08
 (31) Priority Document No :UD2010A000135
 (32) Priority Date :09/07/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IB2011/001581
 Filing Date :08/07/2011
 (87) International Publication No :WO 2012/004654
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)F.A.R. FONDERIE ACCIAIERIE ROIALE SPA

Address of Applicant :Via Leonardo da Vinci 11 33010 Reana del Rojale Italy

(72)Name of Inventor :

1)ANDREUSSI Alberto

2)ANDREUSSI Primo

3)VENEROSO Enrico

4)PONTELLI Eddy

(57) Abstract :

Method for the production of an element subject to wear (10) comprising a metal matrix (14) and at least a core (12) of hard material. The method provides a first step in which a temporary aggregation structure (17) is prepared with at least partly open pores which volatilize or in any case eliminate at least partly when subjected to heating. A second step in which on the whole internal and external surface of said temporary aggregation structure (17) a liquid mixture of a binder with metal powders which contain hard elements or their precursors is uniformly distributed. A third step in which the temporary aggregation structure (17) is deteriorated by means of a thermal action of controlled heating so as to take at least part of the temporary aggregation structure (17) to evaporation rendering free a volume inside the core (12) and to consolidate the mixture according to the conformation of the temporary aggregation structure (17). A fourth step in which the core (12) is disposed in a mold (16) so as to only partly occupy the free volume of the mold (16). A fifth step in which a molten metal material is cast in the mold (16) which metal occupies the free volume and the volume that has been made free both inside and outside the core (12) so as to anchor to the latter and thus form a single body.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1104/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ANNULAR OPTICAL DEVICE

(51) International classification :G01N21/01,G01N21/47
(31) Priority Document No :61/371381
(32) Priority Date :06/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046105
Filing Date :01/08/2011
(87) International Publication No :WO 2012/018717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HACH COMPANY
Address of Applicant :P.O. Box 389 5600 Lindbergh Drive
Loveland Colorado 80539 U.S.A.
(72)**Name of Inventor :**
1)PALUMBO Perry A.

(57) Abstract :

An annular optical device (100) includes an annular meso optic (1) including an annulus (11) centered about an axis of revolution (A) and a secondary optical structure (2) substantially coaxial within the annulus (11). The secondary optical structure (2) and the annular meso optic (1) are separated by a media (12) including a media refractive index that is lower than the refractive index of the secondary optical structure. The secondary optical structure (2) holds a specimen to be radiated by impinging electromagnetic radiation. Scattered radiation from the secondary optical structure (2) and within the annulus (11) of the annular meso optic (1) is allowed into the annular meso optic (1) if an angle of incidence of the scattered radiation exceeds a predetermined incidence threshold. The annular meso optic (1) re directs the scattered radiation to comprise re directed radiation that is substantially parallel to the axis of revolution (A).

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1010/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR HEATING WATER

(51) International classification	:F24H4/04,F24H9/00	(71)Name of Applicant :
(31) Priority Document No	:61/371742	1)SHTILERMAN Zvi
(32) Priority Date	:09/08/2010	Address of Applicant :24 Hgeffen Street 76858 Asseret Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2011/000641	1)SHTILERMAN Zvi
Filing Date	:08/08/2011	
(87) International Publication No	:WO 2012/020404	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is an object of the subject matter to disclose a water heating device comprising a vaporizer for vaporizing refrigerant and a compressor for compressing them vaporized refrigerant. The device also comprises a shell; such as a condenser and a volume reducing member positioned within the shell. The member is configured to reduce the cross section area of the volume in which water is heated in the shell. The device may also contain a refrigerant coil positioned adjacent to the volume in which water is heated in the shell; the refrigerant coil contains a refrigerant material received from the compressor said refrigerant material heats the water in the volume in which water is heated in the shell.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1054/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS TO REMOVE PRODUCT ALCOHOL FROM A FERMENTATION BY VAPORIZATION UNDER VACUUM

(51) International classification	:B01D53/14,B01D1/00	(71)Name of Applicant :
(31) Priority Document No	:61/379546	1)BUTAMAX (TM) ADVANCED BIOFUELS LLC
(32) Priority Date	:02/09/2010	Address of Applicant :Experimental Station Building 268 200
(33) Name of priority country	:U.S.A.	Power Mill Road Wilmington DE 19880 0268 U.S.A.
(86) International Application No	:PCT/US2011/001409	(72)Name of Inventor :
Filing Date	:10/08/2011	1)ZAHER Joeph J.
(87) International Publication No	:WO 2012/030374	2)GRADY Michael C.
(61) Patent of Addition to Application	:NA	3)PARTEN William D.
Number	:NA	4)SYLVESTER Robert W.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fermentation liquid feed including water and a product alcohol and optionally CO is at least partially vaporized such that a vapor stream is produced. The vapor stream is contacted with an absorption liquid under suitable conditions wherein an amount of the product alcohol is absorbed. The portion of the vapor stream that is absorbed can include an amount of each of the water the product alcohol and optionally the CO. The temperature at the onset of the absorption of the vapor stream into the absorption liquid can be greater than the temperature at the onset of condensation of the vapor stream in the absence of the absorption liquid. The product alcohol can be separated from the absorption liquid whereby the absorption liquid is regenerated. The absorption liquid can include a water soluble organic molecule such as an amine.

No. of Pages : 87 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1055/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DIGESTER

(51) International classification :C12M1/107

(31) Priority Document No :1014693.4

(32) Priority Date :06/09/2010

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2011/001302

Filing Date :05/09/2011

(87) International Publication No :WO 2012/032285

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CH4E LIMITED

Address of Applicant :The Workshop Higher Dean Trentishoe
Devon EX31 4PJ U.K.

(72)Name of Inventor :

1)MUIR Christopher

(57) Abstract :

The present invention relates to a digester (10) for a digester plant (1) comprising a digester tank (11) defining a digester tank chamber (62) and having a module opening (69) and a digester module (72) located in the module opening and extending into the digester tank chamber (62). The digester module is removably attached to the digester tank and comprises a heater (84) for heating material in the digester tank (11) together with at least one pipe (94; 96; 118) with an inlet (98; 108) and an outlet (102 104; 110; 122) one of which is inside the digester tank chamber 62 and the other of which is outside the digester tank chamber (62). Said at least one pipe may be: a supply pipe (94) for supplying material to the digester tank the supply pipe having an inlet (98) outside the tank chamber and an outlet (102 104) inside the tank chamber; a withdrawal pipe 96 for withdrawing material from the digester tank the withdrawal pipe having an inlet 108 inside the tank chamber and an outlet (110) outside the tank chamber; or a gas withdrawal pipe (118) for withdrawing gas from the digester tank the gas withdrawal pipe having an inlet inside the tank chamber and an outlet (122) outside the tank chamber.

No. of Pages : 35 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1107/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A CHECKOUT COUNTER

(51) International classification	:A47F9/04
(31) Priority Document No	:10507663
(32) Priority Date	:08/07/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050838
Filing Date	:23/06/2011
(87) International Publication No	:WO 2012/005659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ITAB SCANFLOW AB
Address of Applicant :Instrumentvgen 2 550 09 J-NK-PING
Sweden
(72)Name of Inventor :
1)T-RNWALL Magnus
2)VON SYDOW Carl
3)M-LLER Johan
4)KOOI Erik
5)BOITEN Hugo

(57) Abstract :

A classification device (2) for identification of articles (3) in an automated checkout counter is provided. The device comprises a memory unit (5) capable of storing digital reference signatures each of which digital reference signatures corresponds to an article identity and a processor (6) connected to the memory unit (5) wherein the classification device (2) further comprises a spectroscopy sensor (7 24) connected to the processor (6) wherein the spectroscopy sensor (7 24) is arranged to determine a measured signature of an article (3) when the article (3) is placed before on or after a weight sensor (4) and wherein the processor (6) is arranged to compare the measured signature with the digital reference signature in order to identify the article (3) as an existing article identity in the memory unit (5).

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1014/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SEPARATION PROCESS

(51) International classification :B01D11/04,B01D17/04,C10G27/04
(31) Priority Document No :12/849408
(32) Priority Date :03/08/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2011/045544
Filing Date :27/07/2011
(87) International Publication No :WO 2012/018657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MERICHEM COMPANY
Address of Applicant :5455 Old Spanish Trail Houston TX
77023 U.S.A.
(72)Name of Inventor :
1)ZHANG Tiejun
2)TURNER V. Keith

(57) Abstract :

A separation process for separating two or more immiscible liquids using contactors utilizing high surface area vertical hanging fibers is disclosed. This separation process is especially useful in the separation of disulfide oil formed during the oxidation of spent caustic solution that was used to remove sulfur contaminates from light hydrocarbons.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1036/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEHICLE

(51) International classification :B60K6/22,B60L7/10,B60W20/00
(31) Priority Document No :61/363533
(32) Priority Date :12/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050425
Filing Date :12/07/2011
(87) International Publication No :WO 2012/006734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOR ECOLOGIC INC.
Address of Applicant :462 Brock Street Winnipeg Manitoba
R3N 0Z1 Canada
(72)**Name of Inventor :**
1)KOR James
2)SEWART Bruce
3)SHEWCHUK Jim
4)BUTT Ken
5)VUKELIC John
6)MCFARLANE Blaine
7)HALAJKO Terry
8)BERHARDT David
9)SLIVINSKI Jack
10)DUNN Jim

(57) Abstract :

A vehicle includes a highly aerodynamic body for two passengers side by side with two non steering front wheels spaced apart across the body and covered by exterior panes and a single rear steering ground wheel The bottom panel is planar and the rear wheel is carried in a disk in the plane which rotates to steer with a self centering cam. A hybrid drive system includes batteries and ultra capacitors charged by regeneration operated by a separate foot pedal. The body includes a full width door that hinges at the front 45 and opens to near vertical to allow the passengers to step over the frame onto the floor in front of the seat with the steering wheel and pedals moved away. Wiring is contained in flat compartments in the interior walls. The batteries are contained in a temperature controlled container located at the front which also acts as a crush zone.

No. of Pages : 119 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1110/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR MONITORING A STERILIZATION PROCESS

(51) International classification	:C12Q1/22	(71)Name of Applicant :
(31) Priority Document No	:61/355307	1)AMERICAN STERILIZER COMPANY
(32) Priority Date	:20/07/2010	Address of Applicant :5960 Heisley Road Mentor Ohio 44060
(33) Name of priority country	:U.S.A.	1834 U.S.A.
(86) International Application No	:PCT/US2011/040701	(72)Name of Inventor :
Filing Date	:16/06/2011	1)FRANCISKOVICH Phillip P.
(87) International Publication No	:WO 2012/012055	2)CREGGER Tricia A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosed invention relates to a method for monitoring a sterilization process. The method comprises: (A) exposing an article to be sterilized and a biological indicator to a sterilization medium during a sterilization process the biological indicator comprising a cell with a plasma membrane; and (B) measuring the membrane potential of the cell to detect the viability of the cell.

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

(54) Title of the invention : COOLING DEVICE FOR HOT BULK MATERIAL

(51) International classification	:F27D15/02,C22B1/26	(71)Name of Applicant :
(31) Priority Document No	:A1184/2010	1)SIEMENS VAI METALS TECHNOLOGIES GMBH
(32) Priority Date	:13/07/2010	Address of Applicant :Turmstrae 44 A 4031 Linz Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/060897	1)AICHINGER Georg
Filing Date	:29/06/2011	2)B-BERL Michaela
(87) International Publication No	:WO 2012/007277	3)OBERNDORFER Ernst
(61) Patent of Addition to Application Number	:NA	4)AICHINGER Christoph
Filing Date	:NA	5)HATTINGER Stephan
(62) Divisional to Application Number	:NA	6)H-TZINGER Stefan
Filing Date	:NA	7)REIDETSCHLAEGER Johann

(57) Abstract :

A cooling device for hot bulk material (1) has a cooling tower (2) with a vertical main axis (3), said hot bulk material (1) being cooled in the cooling tower by means of a gas flow (4). The device has a feeding device (5) by means of which the hot bulk material (1) is poured into the cooling tower (2) from above such that the hot bulk material (1) is accumulated in the cooling tower (2). The device has a removing device (7) by means of which the bulk material (1) in the cold State is removed from below from the cooling tower (2) such that the bulk material (1) that remains in the cooling tower (2) slides downward. The device has a gas delivering device (8) by means of which the gas flow (4) is delivered through the cooling tower (2). The device has a discharging device (9) via which the gas flow (4) is discharged from the cooling tower (2). The cooling tower (2) is equipped with a plurality of gas flow guides (13) which extend radially inwards towards the main axis (3) starting from inlets (14) that lie in the tower outer wall (6). The gas flow guides (13) are designed as elongated guides that have outlets (15) for the gas flow (4) along the guide length when viewed in the respective extending direction of the guide such that the gas flow (4) is led into the hot bulk material (1) that is located in the cooling tower (2). The gas flow guides (13) lie in the central region (16) of the cooling tower (2) when viewed in the direction of the main axis (3), and the discharging device (9) lies in the upper region of the cooling tower (2). The gas flow (4) thus flows through the hot bulk material (1) that is located in the cooling tower (2) from bottom to top.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1018/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL TETRAHYDROPYRAZOLO[3 4 B]AZEPINE DERIVATIVES AND THEIR USE AS ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS

(51) International classification :A01N43/00,C07D498/00,C07D513/00
(31) Priority Document No:1011831.3
(32) Priority Date :14/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2011/001207
Filing Date :11/07/2011
(87) International Publication No :WO 2012/009001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADDEX PHARMA S.A.
Address of Applicant :Chemin Des Aulx 12 1228 Plan les
ouates Geneva Switzerland
2)MERCK SHARP & DOHME CORP.
(72)Name of Inventor :
1)JONES Philip
2)TANG Lam
3)BOLEA Christelle
4)CELANIRE Sylvain
5)LIVERTON Nigel J.

(57) Abstract :

The present invention relates to novel compounds of Formula (I) wherein M A and Y are defined as in Formula (I); invention compounds are modulators of metabotropic glutamate receptors subtype 4 (mGluR) which are useful for the treatment or prevention of central nervous system disorders as well as other disorders modulated by mGluR receptors. The invention is also directed to pharmaceutical compositions and the use of such compounds in the manufacture of medicaments as well as to the use of such compounds for the prevention and treatment of such diseases in which mGluR is involved.

No. of Pages : 109 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NEEDLE SAFETY DEVICE AND ASSEMBLY

(51) International classification	:A61M5/32,A61M25/06	(71)Name of Applicant :
(31) Priority Document No	:61/371054	1)B. BRAUN MELSUNGEN AG
(32) Priority Date	:05/08/2010	Address of Applicant :Carl Braun Strasse 1 34212 Melsungen
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2011/003746	(72)Name of Inventor :
Filing Date	:26/07/2011	1)WOEHR Kevin
(87) International Publication No	:WO 2012/016660	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Safety intravenous catheters (IVCs) are disclosed herein having a catheter hub (102) with a catheter tube (112) a needle with a needle hub and a needle guard (204). The needle guard is configured to be positioned at least partially within an interior space of the catheter hub and is retained thereto by mechanical engagement between the two. Following removal of the needle from the catheter hub the needle guard is configured to disengage from the catheter hub and attach over a tip of the needle to shield the needle tip from inadvertent needlesticks. The needle guard having an angled end section configured with a length and a width to retain the needle tip within a tip holding space behind the angled end section.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1116/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTERNET SEARCH RELATED METHODS AND APPARATUS

(51) International classification :G06F17/30
(31) Priority Document No :12/877765
(32) Priority Date :08/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050669
Filing Date :07/09/2011
(87) International Publication No :WO 2012/033820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NUANCE COMMUNICATIONS INC.

Address of Applicant :One Wayside Road Burlington MA
01803 U.S.A.

(72)Name of Inventor :

1)SEJNOHA Vladimir

2)CLAYTON Gary B.

3)CHEN Victor S.

4)HATCH Steven

5)GANONG William F.

6)EVERMANN Gunnar

7)REGAN Marc W.

8)LAVERTY Stephen W.

9)VOZILA Paul J.

10)BODENSTAB Nathan M.

11)TAM Yik cheung

(57) Abstract :

Embodiments of the present invention relate to searching for content on the Internet. A user may supply a search query to a device and the device may issue the search query to a plurality of search engines including at least one general purpose search engine and at least one site specific search engine. In this way the user need not separately issue search queries to each of the plurality of search engines.

No. of Pages : 86 No. of Claims : 192

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1144/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HAND SANITIZER

(51) International classification :A01N31/02,A01N59/00,A61K8/20
(31) Priority Document No :1016332.7
(32) Priority Date :29/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051768
Filing Date :20/09/2011
(87) International Publication No :WO 2012/042243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TRISTEL PLC
Address of Applicant :Unit 4C Lynx Business Park Fordham
Road Snailwell Newmarket CB8 7NY U.K.
(72)Name of Inventor :
1)GREEN Bruce

(57) Abstract :

A hand sanitizer (2) comprises: (a) a first part (14) comprising a chlorite solution and contained in a first dispenser (4) whereby it will be dispensed as a spray or jet of liquid; and (b) a second part (16) comprising an acid solution and contained in a second dispenser (6) whereby it will be dispensed as a second spray or jet of liquid; wherein the chlorite and the acid will react to provide chlorine dioxide when the first part is mixed with the second part; and wherein a mixture (18) of equal quantities of the first part and the second part contains at least 15% alcohol by weight; and wherein at least a part of the alcohol comprises 3 methoxy 3 methylbutan 1 ol (MMB).

No. of Pages : 15 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1145/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IRRIGATION SYSTEM AND METHOD

(51) International classification	:E02B11/00
(31) Priority Document No	:61/371395
(32) Priority Date	:06/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046541
Filing Date	:04/08/2011
(87) International Publication No	:WO 2012/018977
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INVENTAGON LLC
Address of Applicant :21 Shadyside Avenue Nyack NY 10960
U.S.A.
(72)**Name of Inventor :**
1)JENSEN Jarl

(57) Abstract :

Systems and methods for providing irrigation to plants are provided. The system generally includes a fluid distribution structure having a barrier layer and a hydrophilic layer. The fluid distribution structure can additionally include a plurality of channels. Each channel can be associated with a non woven material or other volume providing element overlayed by a filter layer. A fluid supply tube may be provided at a first end of the fluid distribution structure and a drainage tube may be disposed along a second end of the fluid distribution structure. Where the fluid distribution structure includes channels a supply tube and a drainage tube the channels generally extend between the supply tube and the drainage tube. Fluid collected by the drainage tube can be recirculated to the supply tube or can be collected or disposed of.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1003/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF PRODUCING A BATCH OF POWDER MIXTURES

(51) International classification :B07B1/00,B01F3/18
(31) Priority Document No :61/367134
(32) Priority Date :23/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044993
Filing Date :22/07/2011
(87) International Publication No :WO 2012/012706
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FIRST SOLAR INC

Address of Applicant :28101 Cedar Park Boulevard Perrsburg
OH 43551 U.S.A.

(72)Name of Inventor :

1)ALLENIC Arnold

2)GOHR Phillip

3)HOJNICKI James

4)LATUSEK Michael

5)ODNEAL Richard Scott

6)ROGGELIN Aaron

7)SHORT Jeffrey

8)WAGNER Christopher

(57) Abstract :

A method for producing uniform powder blends may include a multi-pass riffing process.

No. of Pages : 19 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1023/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR RECONFIGURING SOFTWARE PARAMETERS IN A MICROCONTROLLER AND MICROCONTROLLER AND CONTROL DEVICE

(51) International classification	:G06F9/445
(31) Priority Document No	:10 2010 039 021.6
(32) Priority Date	:06/08/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/062144
Filing Date	:15/07/2011
(87) International Publication No	:WO 2012/016805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart
Germany
(72)Name of Inventor :
1)PETERS Matthias

(57) Abstract :

The invention proceeds from a method for reconfiguring software parameters in a microcontroller. In this case, the microcontroller has at least one computer unit, a first nonvolatile read-only memory and a volatile memory, and the software parameters are stored in the first non-volatile read-only memory. Furthermore, reconfiguration information concerning software parameters which are to be changed and at least one correction value are transmitted from a second non-volatile read-only memory, which is associated with the microcontroller, to the volatile memory. At least one software parameter is transmitted from the first non-volatile read-only memory to the volatile memory in order to be processed by the computer unit and the reconfiguration information is checked in the volatile memory to determine whether the software parameter transmitted to the volatile memory is a software parameter which is to be changed. If the software parameter which is transmitted to the volatile memory corresponds to one of the software parameters which is to be changed, the value of the software parameter which is transmitted to the volatile memory is replaced by a correction value before processing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1046/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PLASTICS PARISON FOR LARGE VOLUME CONTAINERS AND PROCESS AND DEVICE FOR PRODUCING THIS PARISON

(51) International classification :B29B11/14,B29B11/08,B29C45/16
(31) Priority Document No :10 2010 033 391.3
(32) Priority Date :04/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003864
Filing Date :02/08/2011
(87) International Publication No :WO 2012/016679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KRAUSSMAFFEI TECHNOLOGIES GMBH
Address of Applicant :Krauss Maffei Str. 2 80997 M^¼nchen
Germany
(72)Name of Inventor :
1)MITZLER Jochen

(57) Abstract :

A plastics parison (preform) (1) of an inflatab large-volume container is described, in particular of a container with a capacity of at least 5 litres, preferably at least 10 litres, wherein the plastics parison has a closure region and an inflatable hollow body region. To reduce the cycle time, it is proposed according to the invention that the preform, at least its inflatable hollow body region, is composed of a plurality of layers (la, lb, lc), wherein each layer is at least 2 mm, preferably at least 3 mm thick, and wherein the individual layers (la, lb, lc) have a substantially identical layer thickness. In this way, with the multi-component injection moulding technique by means of rotating table technique or indexing plate technique the various layers can be produced simultaneously in several injection stations, so that after each shot a finished thick-walled preform 1 is present.

No. of Pages : 11 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1098/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PEDAL VALUE SENSOR ARRANGEMENT

(51) International classification :G05G1/30,G05G1/38,G05G1/40
(31) Priority Document No :10 2010 039 771.7
(32) Priority Date :25/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063343
Filing Date :03/08/2011
(87) International Publication No:WO 2012/025350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart
Germany
(72)Name of Inventor :
1)CIZEK Vaclav
2)FALAR Dusan

(57) Abstract :

The invention relates to a pedal value sensor arrangement (1) for a motor vehicle, comprising a pedal (2) movable between an idle position and an end position, a bearing (3) for the pedal (2), and a spring (6), which applies a restoring force to the pedal (2) towards the idle position. In an intermediate position between the idle position and the end position the spring (6) can apply a restoring force to the pedal (2) toward the idle position that is greater than before and/or after the intermediate position, wherein the greater restoring force of the spring (6) occurs by virtue of a contact of a first section (10) of the spring (6) with a second section (11) of the spring (6).

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

(54) Title of the invention : WHEEL BEARING UNIT

(51) International classification :F16C33/60,B60B27/00,F16C19/38
(31) Priority Document No :10 2010 033 823.0
(32) Priority Date :09/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/058339
Filing Date :23/05/2011
(87) International Publication No :WO 2012/019799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
Address of Applicant :Industriestrae 1 3 91074
Herzogenaurach Germany
(72)Name of Inventor :
1)HENNEBERGER Wolfram

(57) Abstract :

The invention relates to a wheel bearing unit having two mirror-symmetrically arranged tapered roller bearings (02), each having one inner ring (04) and one outer ring (03). The tapered roller bearings are connected via the inner rings. According to the invention, the wheel bearing unit comprises an inner intermediate ring (08) and an outer intermediate ring (07), each of which are arranged in the axial direction between the inner rings or between the outer rings of the tapered roller bearing. The wheel bearing unit is connected via a latching connection (16, 17) between the inner rings and the inner intermediate ring.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1000/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SIGNAL GENERATION METHOD AND SIGNAL GENERATION DEVICE

(51) International classification	:H04J99/00,H04B7/04	(71)Name of Applicant :
(31) Priority Document No	:2010276447	1)PANASONIC CORPORATION
(32) Priority Date	:10/12/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/006742	(72)Name of Inventor :
Filing Date	:01/12/2011	1)MURAKAMI Yutaka
(87) International Publication No	:WO 2012/077311	2)KIMURA Tomohiro
(61) Patent of Addition to Application	:NA	3)OUCHI Mikihiro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission method simultaneously transmitting a first modulated signal and a second modulated signal at a common frequency performs precoding on both signals using a fixed precoding matrix and regularly changes the phase of at least 5 one of the signals, thereby improving received data signal quality for a reception

No. of Pages : 185 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1045/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A BIODEGRADABLE CONCENTRATED NEUTRAL DETERGENT COMPOSITION

(51) International classification	:C11D3/02
(31) Priority Document No	:61/400175
(32) Priority Date	:23/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/001291
Filing Date	:21/07/2011
(87) International Publication No	:WO 2012/011954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMERICAN STERILIZER COMPANY
Address of Applicant :5960 Heisley Road Mentor Ohio 44060
1834 U.S.A.
(72)**Name of Inventor :**
1)KNEIPP Ann Maria
2)KAISER Nancy Hope E.
3)JOHNSON Althea N.

(57) Abstract :

A biodegradable concentrated neutral detergent composition comprises various chelate compounds various corrosion inhibitors an alkaline compound at least one sequestrant various surfactants and hydrotropes and water. The detergent can be highly concentrated has a good long term shelf life and when diluted is very effective in cleaning metals such as surgical instruments and prevents corrosion resistance of the metal even in a hard water environment.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DUST SUCTIONING PICK UP HEAD APPARATUS FOR USE WITH A SWEEPING VEHICLE

(51) International classification :E01H1/04,A47L11/282,A47L11/30
(31) Priority Document No :61/361588
(32) Priority Date :06/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000761
Filing Date :06/07/2011
(87) International Publication No :WO 2012/003572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VANDERLINDEN Roger
Address of Applicant :1100 Burloak Drive Suite 300
Burlington Ontario L7L 6B2 Canada
(72)Name of Inventor :
1)VANDERLINDEN Roger

(57) Abstract :

A dust suctioning pick up head for a sweeping vehicle comprises a shroud defining a fore aft longitudinal axis and has a substantially hollow interior a bottom edge defining a bottom opening and a forwardly facing debris outlet for permitting the directed egress of debris from the shroud as a forwardly propelled stream of debris. At least one cylindrical main sweeping broom is disposed within the substantially hollow interior of the shroud for engaging a surface to be cleaned through the bottom opening to thereby sweep dust and debris from the surface to be cleaned and propel the dust and debris forwardly through the forwardly facing debris outlet. A dust suctioning nozzle apparatus has a dust receiving mouth in fluid communication with a dust transfer outlet connectable in fluid communication with a source of air suctioning. The dust receiving mouth is in fluid communication with the substantially hollow interior of the shroud so as to suction air therefrom and is disposed vertically adjacent the bottom edge of the shroud so as to be in dust suctioning relation to the surface being cleaned and rearwardly of the at least one cylindrical main sweeping broom to thereby permit the suctioning of dust from the surface to be cleaned subsequent to the surface being swept by the at least one cylindrical main sweeping broom.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1151/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR PLATFORM OPTIMIZED DESIGN

(51) International classification	:G06F13/00
(31) Priority Document No	:61/372928
(32) Priority Date	:12/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046181
Filing Date	:02/08/2011
(87) International Publication No	:WO 2012/021326
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNISYS CORPORATION
Address of Applicant :801 Lakeview Dr. Suite 100 M/S 2NW
Blue Bell PA 19422 U.S.A.
(72)**Name of Inventor :**
1)GUARRIERI Stephen
2)SVENKESON Penny L.
3)SHELTON Philip L.

(57) Abstract :

Embodiments of the disclosed invention include a plurality of preconfigured hardware platforms. The plurality of preconfigured hardware platforms includes a set of preconfigured server hardware platforms a set of preconfigured network hardware platforms and a set of preconfigured storage hardware platforms. At least one preconfigured server hardware platform at least one preconfigured network hardware platform and at least one preconfigured storage hardware platform that when combined forms a combination that balances a computing request rate a network request rate and a storage request rate for one of a web tier an application tier and a data tier system.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1152/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOVING ENTERPRISE SOFTWARE APPLICATIONS TO A CLOUD DOMAIN

(51) International classification :G06F9/44,G06F9/06
(31) Priority Document No :61/372928
(32) Priority Date :12/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046150
Filing Date :01/08/2011
(87) International Publication No :WO 2012/021324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNISYS CORPORATION
Address of Applicant :801 Lakeview Dr. Suite 100 M/s 2nw
Blue Bell PA 19422 U.S.A.
(72)**Name of Inventor :**
1)JOHNSON Peter
2)FONTANA James Albert
3)MILLER Matthew
4)LEAP Michael
5)STRONG David
6) TSAI Johnney

(57) Abstract :

Methods and systems for moving or porting an enterprise software application from an enterprise environment to a cloud domain are disclosed. An automated moving software program identifies enterprise components of an enterprise software application. The program assigns an enterprise component tag to the identified enterprise component. The program then assigns an enterprise attribute tag to the identified enterprise component and searches an attribute relationship map for at least one cloud attribute related to the assigned enterprise attribute. On identification of such a cloud attribute the cloud attribute is assigned to the identified enterprise component and the enterprise component is converted to cloud component by creating a new cloud component to replicate the functions of the enterprise component or assigning a cloud component tag to the enterprise component provided the enterprise component is render able on the cloud domain resources.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1002/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONNECTION ASSEMBLY PROTECTION

(51) International classification :H01L31/05,H01L27/142
(31) Priority Document No :61/366411
(32) Priority Date :21/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044633
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012502
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIRST SOLAR INC.
Address of Applicant :28101 Cedar Park Boulevard
Perrysburg OH 43551 U.S.A.
(72)**Name of Inventor :**
1)COHEN Brian E.
2)WANG Jianjun
3)XIAO Rui

(57) Abstract :

A photovoltaic module may include an electrical connection assembly with increased corrosion protection.

No. of Pages : 31 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1048/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIRE HARNESS CLIP AND METHOD OF MOUNTING WIRE HARNESS CLIP ONTO VEHICLE

(51) International classification :H02G3/30,B60R16/02,F16B2/08
(31) Priority Document No :2010176787
(32) Priority Date :05/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/057595
Filing Date :28/03/2011
(87) International Publication No :WO 2012/017706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO WIRING SYSTEMS LTD.
Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi
Mie 5108503 Japan
(72)Name of Inventor :
1)FUJIWARA Yoshiki

(57) Abstract :

Provided is a wire harness clip that can be anchored onto an appropriate mounting cle. The wire harness clip is provided with: a band-type wire harness mounting section or a substrate section; a C-type resin clip formed in protrusion onto an external face of a band tightening section mounting section, or onto a surface of an intermediate section of a substrate of the substrate-type with a C-type metal clip that is shorter than the C-type resin clip. The C-type metal clip is mounted opening side of a hollow section in between upper and lower pieces of the C-type resin clip, press inner faces of the upper and lower pieces of the C-type resin clip that are opposed to each other, and by U-shaped slits are formed on the upper and lower pieces of the C-type metal clip, and when a b the upper and lower pieces of the C-type metal clip, and the C-type metal clip is made to retract, then by the pressing protrusions, and both the upper and lower faces of the bracket are thereby clamped.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1099/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DRIVE ARRANGEMENT FOR THE MOTORIZED ADJUSTMENT OF A PANEL ARRANGEMENT

(51) International classification :B60J5/10,E05F5/12
(31) Priority Document No :10 2010 034 203.3
(32) Priority Date :12/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003816
Filing Date :29/07/2011
(87) International Publication No :WO 2012/019718
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

**1)BROSE FAHRZEUGTEILE GMBH & CO. KG
HALLSTADT**

Address of Applicant :Max Brose Strae 2 96103 Hallstadt

Germany

(72)Name of Inventor :

1)EGGELING J¹/₄rgen

2)HELLMICH Dirk

3)DNNE Klaus

(57) Abstract :

The invention relates to a drive arrangement for the motorized adjustment of a flap arrangement for a motor vehicle, with a drive controller (1) for realizing a respectively predefined desired flap adjustment by means of at least one drive (2, 3)) wherein the flap arrangement is configured with two wings, wherein the two flap wings (4, 5) are substantially pivotable about two spaced-apart, parallel pivot axes (6, 7) and, in the closed state, are in engagement with each other via the free wing ends (4a, 5a) thereof opposite the respective pivot axis (6, 7). It is proposed that the two flap wings (4, 5) are assigned collision pivoting regions (8, 9) which are mounted upstream of the respective closed position and in which the movement regions (10, 11) of the flap wings (4, 5) overlap in such a manner that a predetermined opening and closing sequence has to be observed there in order to avoid collisions between the free wing ends (4a, 5a).

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1161/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND DEVICES FOR EXCHANGING DATA IN A COMMUNICATIONS NETWORK

(51) International classification :H04W76/02,H04B7/26,H04L12/56
(31) Priority Document No :PCT/EP2010/004949
(32) Priority Date :12/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060178
Filing Date :20/06/2011
(87) International Publication No :WO 2012/019813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOKIA SIEMENS NETWORKS OY
Address of Applicant :Karaportti 3 FIN 02610 Espoo Finland
(72)Name of Inventor :
1)HOEHNE Hans Thomas
2)CHAPMAN Thomas
3)CZEREPIŃSKI Przemysław
4)HOLMA Harri Kalevi
5)TOSKALA Antti Anton

(57) Abstract :

Methods and devices for exchanging data in a communications network The present invention refers to a method of exchanging data in a communications network the method comprising establishing a plurality of connections between a network device and a mobile station; splitting a flow of data from a data source into a plurality of data flows corresponding to a number of said connections; and transmitting each of said plurality of data flows over a different one of said connections. The present invention further refers to a network device and a mobile station involved in the disclosed method.

No. of Pages : 50 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1162/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CLEANING AGENT FOR REMOVAL OF SOLDERING FLUX

(51) International classification :C11D1/00
(31) Priority Document No :61/423647
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064228
Filing Date :09/12/2011
(87) International Publication No :WO 2012/082565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KYZEN CORPORATION
Address of Applicant :430 Harding Industrial Drive Nashville
Tennessee 37211 U.S.A.
(72)Name of Inventor :
1)DOYEL Kyle J.
2)BIXENMAN Michael L.
3)LOBER David T.
4)RANEY Wayne
5)SOUCY Kevin

(57) Abstract :

A composition effective for removing solder fluxes either as a concentrated material or when diluted with water. The composition is effective in removing all types of solder fluxes including rosin type resin type no clean low residue lead free organic acid and water soluble smoldering fluxes. The composition comprises tripropylene glycol butyl ether and an alkali and has a pH of greater than 7.5. The composition may contain additional optional solvents and additives to enhance cleaning of articles or to impart other properties to the composition. The composition can be contacted with a surface to be cleaned in a number of ways and under a number of conditions depending on the manufacturing or processing variables present.

No. of Pages : 13 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1016/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SIGNAL GENERATION METHOD AND SIGNAL GENERATION DEVICE

(51) International classification	:H04J99/00,H04B7/04	(71)Name of Applicant :
(31) Priority Document No	:2010276448	1)PANASONIC CORPORATION
(32) Priority Date	:10/12/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/006665	(72)Name of Inventor :
Filing Date	:29/11/2011	1)MURAKAMI Yutaka
(87) International Publication No	:WO 2012/077299	2)KIMURA Tomohiro
(61) Patent of Addition to Application	:NA	3)OUCHI Mikihiro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission method simultaneously transmitting a first modulated signal and a second modulated signal at a common frequency performs precoding on both signals using a fixed precoding matrix and regularly changes the phase of at least 5 one of the signals, thereby improving received data signal quality for a reception

No. of Pages : 393 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1038/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FAN CASE CONTAINMENT SYSTEM AND METHOD OF FABRICATION

(51) International classification	:F01D21/04
(31) Priority Document No	:61/370540
(32) Priority Date	:04/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046430
Filing Date	:03/08/2011
(87) International Publication No	:WO 2012/018919
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 River Road Schenectady NY 12345
U.S.A.
(72)**Name of Inventor :**
1)XIE Ming

(57) Abstract :

Composite article (10) includes a generally cylindrical body (12) having an internal grid structure (22) interleaved with casing layers (16 18 19) formed of reinforcing fibers disposed in a resin matrix. The composite article is utilized in a fan case containment system for aircraft engine applications. Methods for fabricating the composite article are also provided.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1060/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VERTICAL AXIS WIND TURBINE

(51) International classification	:F03D3/02,F03D1/02
(31) Priority Document No	:P 201031087
(32) Priority Date	:16/07/2010
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2011/070520
Filing Date	:15/07/2011
(87) International Publication No	:WO 2012/007630
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOBGIR S.L.

Address of Applicant :C/ S´ullastre De Sa Coma 7 E 07760
Ciutadella De Menorca (balears) Spain

(72)Name of Inventor :

1)JUAN ANDREU Jos Manuel

(57) Abstract :

Vertical-axis wind turbine composed of first and second independent coaxial rotors (1 and 2), which coincide in the horizontal position, when mounted on one and the same vertical shaft (35), with the ability to rotate in 10 opposite directions. The first and second rotors (1 and 2) bear blades (10 to 13) and (20 to 23) which are articulated to said rotors on non-coinciding vertical shafts (16-26). The blades (10 to 13) and (20 to 23) have curved active surfaces directed, on each rotor, in the 15 same direction but in the opposite direction from the blades of the other rotor.

No. of Pages : 22 No. of Claims : 9

(54) Title of the invention : THREE PIECE RESEALABLE CAN FOR ACIDIC LIQUID

(51) International classification:C23C28/00,B32B15/09,C25D5/26

(31) Priority Document No :2010218071

(32) Priority Date :29/09/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/062193

Filing Date :27/05/2011

(87) International Publication No :WO 2012/042973

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NIPPON STEEL & SUMITOMO METAL CORPORATION

Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan

(72)Name of Inventor :

1)HIRANO Shigeru**2)NISHIDA Hiroshi****3)YOKOYA Hirokazu**

(57) Abstract :

This three-piece resealable can for acidic liquids is equipped with a cylindrical can barrel member having a screw part at one end and a can bottom member which is in contact with the can barrel member so as to close the other end, which is an opening, of the can barrel member. The can barrel member comprises a first cylindrical steel sheet, a Ni deposit formed by plating over the inner circumferential surface of the first steel sheet, a polyester coating film formed so as to be disposed as the innermost circumferential surface of the can barrel member, and a chromate coating film formed between the first steel sheet and the polyester coating film, the amount of the Ni deposit being 10-1,000 mg/m², the amount of the chromate coating film being 2-30 mg/nr in terms of chromium metal, and the amount of the metal deposit present nearest to the innermost circumferential surface of the can barrel member being 200-4,000 mg/m². The can bottom member comprises a second steel sheet and a Sn deposit formed by plating on the surface of the second steel sheet which faces the can barrel member, the Sn deposit comprising an elemental-Sn deposit formed in an amount of 2-20 g/m².

No. of Pages : 102 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1141/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CYCLOHEXENE AND CYCLOPROPANATED CYCLOHEXENE DERIVATIVES AS FRAGRANCES

(51) International classification :C07C31/137,C07C33/14,C07C45/69
(31) Priority Document No :1013474.0
(32) Priority Date :11/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/063818
Filing Date :11/08/2011
(87) International Publication No :WO 2012/020076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GIVAUDAN SA
Address of Applicant :Chemin de la Parfumerie 5 CH 1214
Vernier Switzerland
(72)**Name of Inventor :**
1)BAJGROWICZ Jerzy A.
2)FURNISS Christopher

(57) Abstract :

1 (3/4 isobutyl 1/6 methylcyclohex 3 enyl)methanols and derivatives thereof having appreciable floral and hesperidic odor notes their use as fragrance ingredient and perfumed products comprising them.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1189/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HAND OPERATED MACHINE TOOL DEVICE

(51) International classification :B25F5/02,B24B23/02
(31) Priority Document No :10 2010 039 794.6
(32) Priority Date :26/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063001
Filing Date :28/07/2011
(87) International Publication No :WO 2012/025328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart
Germany
(72)Name of Inventor :
1)ESENWEIN Florian
2)LUTZ Manfred
3)TRICK Achim
4)SCHOMISCH Thomas

(57) Abstract :

The invention relates to a hand operated machine tool device in particular for an angle grinder comprising: a housing region (12a 12f) which is at least substantially rod shaped and in operation is used as a main gripping element; and at least one operating element (14a 14f) which extends in the housing region (12a 12f) in a main extension direction (16a 16f) of the housing region (12a 12f). According to the invention the hand operated machine tool device has at least one mounting (18a 18f) which supports at least one operating face (20a 20f) of the operating element (14a 14f) such that it can pivot about at least one axis (22a 22f) aligned at least substantially parallel to the main extension direction (16a 16f).

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1041/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLEXIBLE WATER VAPOUR BARRIER TUBE FOR PACKAGING PURPOSE

(51) International classification	:A61L29/14,A61M25/00	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 70351	1)COLOPLAST A/S
(32) Priority Date	:05/08/2010	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050305	(72)Name of Inventor :
Filing Date	:05/08/2011	1)NIELSEN Henrik Lindenskov
(87) International Publication No	:WO 2012/016571	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The application discloses a flexible tubular package. The package is for an intermittent catheter. The intermittent catheter is coated with a hydrophilic coating which becomes slippery when in contact with a swelling medium. Thus the tubular package of the application can withhold the swelling medium for a long time and be flexible and bendable at the same time. Furthermore the application discloses a catheter package set which comprises a tubular package an intermittent catheter and a swelling medium.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1146/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF

(51) International classification :C07F5/02,A61K31/69,A61P31/04

(31) Priority Document No :61/372296

(32) Priority Date :10/08/2010

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/US2011/046957

Filing Date :08/08/2011

(87) International Publication
No :WO 2012/021455

(61) 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 :11535 Sorrento Valley Road San Diego
CA 92121 1309 U.S.A.

(72)Name of Inventor :

1)HIRST Gavin

2)REDDY Raja

3)HECKER Scott

4)TOTROV Maxim

5)GRIFFITH David C.

6)RODNY Olga

7)DUDLEY Michael N.

8)BOYER Serge

(57) Abstract :

Disclosed herein are antimicrobial compound compositions pharmaceutical compositions the use and preparation thereof. The invention relates to cyclic boronic acid ester derivatives of formula I and their use as therapeutic agents particularly in the treatment of bacterial infections.

No. of Pages : 149 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1147/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BIOMASS GASIFICATION SYSTEMS HAVING CONTROLLABLE FLUID INJECTORS

(51) International classification :C10J3/26,C10J3/72
(31) Priority Document No :13/312280
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062357
Filing Date :29/10/2012
(87) International Publication No :WO 2013/085635
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 River Road Schenectady NY 12345
U.S.A.
(72)**Name of Inventor :**
1)DARA Satyadileep

(57) Abstract :

Biomass gasification systems including a reactor adapted to gasify a biomass feedstock to thermally convert the biomass feedstock into producer gas are provided. The reactor includes an enclosure disposed about a biomass gasification chamber. The enclosure includes an inlet an outlet and side walls disposed between the inlet and the outlet. The reactor also includes a plurality of fluid injectors disposed along a length of the side walls and adapted to inject fluid into the gasification chamber. The biomass gasification system also includes a control system communicatively coupled to the plurality of fluid injectors and adapted to independently control each fluid injector of the plurality of fluid injectors to independently control a flow of fluid through each fluid injector.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1192/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RAPID THERMAL CONVERSION OF A POLYAMIC ACID FIBER TO A POLYIMIDE FIBER

(51) International classification :D01D10/02,D06C7/00,D01F6/60
(31) Priority Document No :12/899770
(32) Priority Date :07/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054863
Filing Date :05/10/2011
(87) International Publication No :WO 2012/047960
(61) 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.I. DU PONT DE NEMOURS AND COMPANY
Address of Applicant :1007 Market Street Wilmington
Delaware 19898 U.S.A.
(72)Name of Inventor :
1)DENNES T. Joseph
2)KRISHNAMURTHY Lakshmi
3)SIMMONDS Glen Edward
4)FRISK Simon

(57) Abstract :

The invention provides a process comprising heating a polyamic acid fiber to a temperature in the range of a first temperature and a second temperature for a period of time in the range of 5 seconds to 5 minutes to form a polyimide fiber wherein the first temperature is the imidization temperature of the polyamic acid and the second temperature is the decomposition temperature of the polyimide.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1193/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIMITING RESOURCES CONSUMED BY REJECTED SUBSCRIBER END STATIONS

(51) International classification	:H04L29/06
(31) Priority Document No	:12/854084
(32) Priority Date	:10/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/052871
Filing Date	:30/06/2011
(87) International Publication No	:WO 2012/020333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)AKIL PONNUSWAMY Namadurai
2)CHINNASWAMY Sudhagar

(57) Abstract :

A method performed in a network element coupled between a subscriber end station and an AAA server for avoiding AAA processing by at least temporarily suppressing AAA access request messages for a rejected subscriber end station. The network element receives subscriber session request messages from the subscriber end station. Subscriber session request messages include information for verifying an identity that the network element transmits to the AAA server as AAA access request messages. The network element receives AAA access response messages corresponding to the AAA access request messages. Responsive to an AAA access response message the network element determines that additional AAA access request messages should be at least temporarily suppressed with regards to the subscriber end station. Responsive to determining the network element suppresses any additional AAA access request messages from being transmitted to the AAA server. The suppression of AAA access request messages conserves execution resources in the network element and the AAA server.

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1042/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLEXIBLE WATER VAPOUR BARRIER MULTILAYER TUBE FOR PACKAGING PURPOSE

(51) International classification :A61L29/14,A61M25/00
(31) Priority Document No :PA 2010 70350
(32) Priority Date :05/08/2010
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2011/050304
Filing Date :05/08/2011
(87) International Publication No :WO 2012/016570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)COLOPLAST A/S

Address of Applicant :Holtedam 1 DK 3050 Humlebaek
Denmark

(72)Name of Inventor :

1)NIELSEN Henrik Lindenskov

(57) Abstract :

The application discloses a flexible multilayer tubular package. The package is for an intermittent catheter. The intermittent catheter is coated with a hydrophilic coating which becomes slippery when in contact with a swelling medium. Thus the tubular package of the application can withhold the swelling medium for a long time and at the same time being flexible and bendable. Furthermore the application discloses a catheter package set which comprises a multilayer tubular package an intermittent catheter and a swelling medium.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1043/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL OLIGOESTER

(51) International classification:A61K8/39,C08G65/48,B01F17/34

(31) Priority Document No :1011852.9

(32) Priority Date :14/07/2010

(33) Name of priority country :U.K.

(86) International Application
No :PCT/GB2011/051316

Filing Date :13/07/2011

(87) International Publication
No :WO 2012/007754

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CRODA INTERNATIONAL PLC

Address of Applicant :Cowick Hall Snaith Goole East
Yorkshire DN14 9AA U.K.

(72)Name of Inventor :

1)ROUSE Sean Philip Nigel

2)HUMPHREY James Richard

3)CALE Ben

4)FREEMAN David

5)BARNES Alun

(57) Abstract :

Novel polyglycerol oligoesters derived from reaction of polyglycerol with a mixture of mono and diacids and also combinations of these novel polyglycerol oligoesters with known polyol monoesters particularly known polyglycerol monoesters are disclosed. The use of these novel polyglycerol oligoesters and combination of esters as emulsifiers solubilisers and/or thickeners especially in personal care formulations is also disclosed.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1148/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PATIENT INTERFACE FOR OPHTHALMOLOGIC DIAGNOSTIC AND INTERVENTIONAL PROCEDURES

(51) International classification	:A61F9/009
(31) Priority Document No	:61/402733
(32) Priority Date	:02/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/050448
Filing Date	:02/09/2011
(87) International Publication No	:WO 2012/031277
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)OPTIMEDICA CORPORATION
Address of Applicant :3130 Coronado Drive Santa Clara
California 95054 U.S.A.
(72)**Name of Inventor :**
1)GOODING Philip
2)ANGELEY David

(57) Abstract :

Configurations are described for conducting ophthalmic procedures to address cataract related clinical challenges. In one embodiment a one piece patient contact interface may be utilized to couple a diagnostic and/or interventional system to a cornea of a patient; in another embodiment a two part configuration may be utilized; in another embodiment a liquid interface two part embodiment may be utilized.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1149/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTEGRATED INFORMATION TECHNOLOGY SERVICE MANAGEMENT FOR CLOUD RESOURCES

(51) International classification	:G06F9/44,G06F9/06	(71)Name of Applicant :
(31) Priority Document No	:61/372928	1)UNISYS CORPORATION
(32) Priority Date	:12/08/2010	Address of Applicant :801 Lakeview Dr. Suite 100 M/S 2NW
(33) Name of priority country	:U.S.A.	Blue Bell PA 19422 U.S.A.
(86) International Application No	:PCT/US2011/046210	(72)Name of Inventor :
Filing Date	:02/08/2011	1)ERICKSON Philip J.
(87) International Publication No	:WO 2012/021330	2)ROFFE James
(61) Patent of Addition to Application	:NA	3)TADMAN Mark
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods described herein use software adapters to provide integrated information technology service management (ITSM) for cloud resources. Software adapters in the cloud resources convert data format types of an input parameter received at a first software application in a backend computing device. An ITSM function of a second software application provides management for the cloud resources. The input parameter in a first data format type is converted by the software adapter to a second data format type the second data format type supported by a second software application. The ITSM function of the second software application is executed using the input parameter in the second data format type thereby providing an output of the ITSM function the output including information and executable instructions for management of the cloud resources.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1194/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMBINATION IMMEDIATE/DELAYED RELEASE DELIVERY SYSTEM FOR SHORT HALF LIFE PHARMACEUTICALS INCLUDING REMOGLIFLOZIN

(51) International classification :A61K9/48,A61K9/52,A61K47/30

(31) Priority Document No :61/362946

(32) Priority Date :09/07/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/043143

Filing Date :07/07/2011

(87) International Publication No :WO 2012/006398

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BHV PHARMA INC.

Address of Applicant :3200 East Hwy. 54 Suite 104 Research Triangle Park North Carolina 27709 U.S.A.

(72)Name of Inventor :

1)GREEN James Trinca

2)WILKISON William Owen

(57) Abstract :

A combination immediate/delayed release delivery system for compounds which have short half life s such as the antidiabetic remogliflozin etabonate is provided which provides a dosage form that has two distinct phases of release a formulation that promotes immediate release of the compound upon ingestion and another formulation which delays the release of the compound so that a dosing regimen of remogliflozin etabonate once daily may be acheived while providing effective control of plasma glucose and minimizing the nighttime exposure of this compound. The delivery system includes but is not limited to a combination of enteric coating of an immediate release formulation such that a delay in release is provided. Methods for forming the so described immediate/delayed release delivery system and using such delivery system for treating diabetes are also provided.

No. of Pages : 48 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1037/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPRESSION IGNITION LOW OCTANE GASOLINE ENGINE

(51) International classification :F02B1/12,F02B3/06,F02D43/00	(71) Name of Applicant : 1)ZHOU Xiangjin Address of Applicant :Room 2101 No. 22 Chaoyangmenbeidajie Chaoyang District Beijing 100728 China
(31) Priority Document No :201010227388.0	(72) Name of Inventor : 1)ZHOU Xiangjin
(32) Priority Date :07/07/2010	
(33) Name of priority country :China	
(86) International Application No :PCT/CN2011/001106	
Filing Date :05/07/2011	
(87) International Publication No:WO 2012/003713	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A compression-ignition low octane gasoline engine. The engine uses low octane gasoline and a compression-ignition method, does not require a spark plug, and 5 compared with ordinary gasoline engines, increases thermal efficiency by approximately 40% and reduces green-house effects caused by emissions by approximately 45%. The compression-ignition of the low octane gasoline engine is a diffusion charge compression-ignition, differing from a homogeneous charge compression-ignition. The compression ratio in a cylinder can be 14 to 22, while an lo ordinary gasoline engine has a compression ratio of 7 to 11. The low octane gasoline engine has a simple structure, easy combustion control, a low noise level, and a low failure rate. As the low octane gasoline can be free of aromatic hydrocarbons, and not require the addition of antiknock agents such as MTBE and MMT, the present novel gasoline engine is a highly efficient, clean, and environmentally friendly internal 15 combustion engine.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1113/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE METHOD AND PROGRAM

(51) International classification :H04L12/56,H04H20/00,H04N5/262
(31) Priority Document No :2010180946
(32) Priority Date :12/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067802
Filing Date :03/08/2011
(87) International Publication No :WO 2012/020686
(61) 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)KURE Yoshinobu
2)MURAYAMA Hideaki
3)MUNAKATA Tamotsu
4)FUJITA Chihiro
5)YOSHIMURA Osamu

(57) Abstract :

Disclosed are an information processing device, a method and a program capable of suppressing content quality degradation. An integrated receiving buffer time adjusting unit (1 14) finds the greatest transmission delay time (the longest delay time) fixim among the transmission delays of data transmissions performed by each receiving unit (1 13). A receiving buffer time setting unit (208) calculates a receiving buffer time using the greatest transmission delay time, the transmission delay time o f data trans mission by the receiving unit (1 13), and a prescribed receiving buffer time. From the receiving buffer time, the receiving buffer time setting unit (208) sets various delay times and wait times, such as a variable compression en coding delay time, a redundant encoding block receiving wait time, an ARQ packet retransmission wait time, and a network jitter handling buffer time. The disclosed method can b e applied, for example, in information process ing devices.

No. of Pages : 89 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1196/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRANSMISSION OF REFERENCE SIGNALS

(51) International classification :H04L27/26,H04L5/00,H04W72/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/061876
Filing Date :16/08/2010
(87) International Publication No :WO 2012/022368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOKIA SIEMENS NETWORKS OY
Address of Applicant :Karaportti 3 FIN 02610 Espoo Finland
(72)Name of Inventor :
1)LUNTTILA Timo Erkki
2)TIIROLA Esa Tapani
3)PAJUKOSKI Kari Pekka
4)HOOLI Kari Juhani

(57) Abstract :

Resources for reference signalling on at least one component carrier of a plurality of aggregated component carriers can be determined by a station. Information indicative the at least one component carrier and the associated resources is then communicated to another station for configuration of the other station. A trigger is then sent for reference signalling and in response to the trigger at least one reference signal is sent from the other station using the indicated at least one component carrier and resources.

No. of Pages : 38 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2013

(21) Application No.1197/DELNP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : A VALVE SYSTEM

(51) International classification	:G05D7/06,F16K31/04	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 70380	1)FLOWCON INTERNATIONAL A/S
(32) Priority Date	:01/09/2010	Address of Applicant :Trafikcenter All 17 DK 4200 Slagelse
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050329	(72)Name of Inventor :
Filing Date	:30/08/2011	1)IBSEN Bjarne Wittendorff
(87) International Publication No	:WO 2012/028153	2)B~JGAARD Mille Sveje
(61) Patent of Addition to Application	:NA	3)PEDERSEN Gitte
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a valve system in particular for controlling the liquid flow in a plant for central heating. The system may comprise one or more valve housings with at least two associated distinct inserts having different flow characteristics. The inserts comprise two types of means with regulable openings that serve as inlet and outlet respectively said means being provided with means for regulating the liquid flow the differential pressure over the openings of that first means being changeable whereby the area of the openings of the other means is changed to the effect that the differential pressure is regulated. The inserts are furthermore provided with means for the applied change in area by means of an activator that comprises an end which is exposed to the surroundings. A programmable regulator unit provided with motor can be coupled to the end of an activator on the insert. The regulator unit is programmed such that it is capable of regulating the activator in response to the flow characteristics of the insert and hence the liquid flow through the valve housing coupled to the control unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1001/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISPLAY CONTROL DEVICE DISPLAY CONTROL METHOD AND PROGRAM

(51) International classification	:G09G5/00,H04N5/66	(71)Name of Applicant :
(31) Priority Document No	:2011128099	1)SONY CORPORATION
(32) Priority Date	:08/06/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/063912	(72)Name of Inventor :
Filing Date	:30/05/2012	1)RANATUNGA Vijitha Sanjeewa
(87) International Publication No	:WO 2012/169404	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a display control device, display control method, and program which can suppress image artifacts and the like that occur when images transmitted from a data transmission line are displayed with a low delay. A write-information measurement unit calculates a write preparation time required when starting to write an image to a display buffer that temporarily retains a received image. A write control unit controls the writing of an image depending on whether a write preparation time is at least a threshold time that indicates the write preparation time for completing writing of the image at the display end time when displaying in synchronization with the display timing at which the image is to be displayed. A display control unit causes an image written to the display buffer by the control of the write control unit to be displayed in synchronization with the display timing, by a write timing at which display synchronized with the display timing is possible. The present invention can be applied, for example, to a display device that displays transmitted image data with low delay.

No. of Pages : 72 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1150/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR EXTREME CAPACITY MANAGEMENT

(51) International classification	:G06F9/44,G06F9/06	(71) Name of Applicant :
(31) Priority Document No	:61/372928	1)UNISYS CORPORATION
(32) Priority Date	:12/08/2010	Address of Applicant :801 Lakeview Dr. Suite 100 M/S 2NW
(33) Name of priority country	:U.S.A.	Blue Bell PA 19422 U.S.A.
(86) International Application No	:PCT/US2011/046200	(72) Name of Inventor :
Filing Date	:02/08/2011	1)GUARRIERI Stephen
(87) International Publication No	:WO 2012/021328	2)SALSBURG Michael A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the disclosed invention include an apparatus method and computer program product for. In one embodiment a machine readable tangible and non transitory medium having instructions for managing resources is disclosed. The instructions when read by a machine causes the machine to establish a workload profile for each tier within a plurality of tiers based on a computing request rate a network request rate and a storage request rate for each of the tiers. The machine also determines a configuration based on the workload profile for each of the tiers wherein the configuration balances the computing request rate the network request rate and the storage request rate for each of the tiers.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1198/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CEPHALOSPORINS

(51) International classification	:C07D501/12,C07D501/18	(71)Name of Applicant :
(31) Priority Document No	:10175551.0	1)DSM SINOCHEM PHARMACEUTICALS
(32) Priority Date	:07/09/2010	NETHERLANDS B.V.
(33) Name of priority country	:EPO	Address of Applicant :Alexander Fleminglaan 1 NL 2613 AX
(86) International Application No	:PCT/EP2011/065381	Delft Netherlands
Filing Date	:06/09/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/032040	1)KOSTER Adrianus Jan
(61) Patent of Addition to Application	:NA	2)DOES VAN DER Thomas
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composition comprising =85 wt% of an N deacylated cephalosporin a process for making the same and the use of said N deacylated cephalosporin in the preparation of highly pure semi synthetic cephalosporins.

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

(54) Title of the invention : WATER PROCESSABLE SILICONE CONTAINING PREPOLYMERS AND USES THEREOF

(51) International classification :C08G77/42,C08G77/442,C08L83/10
 (31) Priority Document No :61/390448
 (32) Priority Date :06/10/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/054878
 Filing Date :05/10/2011
 (87) International Publication No :WO 2012/047969
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NOVARTIS AG
 Address of Applicant :Lichtstrasse 35 CH 4056 Basel
 Switzerland
 (72)Name of Inventor :
1)HUANG Jinyu
2)CHANG Frank
3)SCOTT Robert
4)MEDINA Arturo Norberto
5)SHANKERNARAYANAN Manivakkam J.
6)KUYU Selma
7)SMITH Dawn Alison
8)WU Daqing

(57) Abstract :

The invention provide a class of water processable polymerizable prepolymers which comprises (1) siloxane containing monomeric units derived at least one siloxane containing monomer having one hydrophilic group or chain and/or polysiloxane containing crosslinking units derived from at least one hydrophilized polysiloxane or chain extended polysiloxane crosslinker; (2) hydrophilic monomeric units derived from one or more hydrophilic vinylic monomers; and (3) from about 0.05% to about 5% by weight of polymerizable units each having a pendant or terminal ethylenically unsaturated group and free of any polysiloxane segment. The prepolymer comprises from about 20% to about 50% by weight of silicone relative to the total weight of the prepolymer and has a high water solubility or dispersibility of at least about 5% by weight in water and suitable for making silicone hydrogel contact lenses.

No. of Pages : 76 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1019/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PHENYLALKYL N HYDROXYUREAS FOR TREATING LEUKOTRIENE RELATED PATHOLOGIES

(51) International classification :A61K31/381,A61K31/175,C07D333/10
(31) Priority Document No :61/369462
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045210
Filing Date :25/07/2011
(87) International Publication No :WO 2012/015750
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TALLIKUT PHARMACEUTICALS INC.
Address of Applicant :750 Battery Street Suite 400 San Francisco CA 94111 U.S.A.
(72)**Name of Inventor :**
1)TAUB Rebecca
2)BROTZ Tilmann
3)FRANC John
4)COHEN Larry
5)PATEL Hemantkumar H.
6)CHEMBURKAR Sanjay R.
7)SAWICK David P.

(57) Abstract :

The method of treating patients by administering N [3 [5 [(4 fluorophenyl)methyl] 2 thienyl] 1 methyl 2 propynyl] N hydroxyurea for treatment of leukotriene related pathologies and compositions for this use.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1040/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROPYLENE RESIN SHEET AND HEAT PROCESSING PACKAGING BODY USING SAME

(51) International classification :C08L23/14,B32B27/32,B65D65/40
(31) Priority Document No :2010209035
(32) Priority Date :17/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071106
Filing Date :15/09/2011
(87) International Publication No :WO 2012/036237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Japan Polypropylene Corporation
Address of Applicant :14 1 Shiba 4 chome Minato ku Tokyo
1080014 Japan
(72)Name of Inventor :
1)KADOWAKI Yuji
2)KANAI Gen

(57) Abstract :

Provided are: a propylene resin sheet having superior shock resistance at ultra-low temperatures, flexibility, transparency, and the like, having a reduced variation in thickness when layered, and having been improved with respect to degradation of outward appearance such as interface roughening; and a heat processing packaging body. The propylene resin sheet comprises at least one layer, and the primary layer comprises a resin composition containing: (1) 50-90 wt% of a propylene resin composition (A) containing 30-70 wt% of a propylene-a-olefin random copolymer having a peak melting temperature of 120- 150 ° and 70-30 wt% of a propylene-a-olefin random copolymer component (A2) of which the amount of contained -olefin having 2 or 4-8 carbon atoms is at least 10 wt% and less than 20 wt%; and (2) 10-50 wt% of a particular ethylene-a-olefin copolymer (B

No. of Pages : 130 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1115/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NUCLEOPHILIC CATALYSTS FOR OXIME LINKAGE

(51) International classification :A61K47/48

(31) Priority Document No :61/369186

(32) Priority Date :30/07/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/045873

Filing Date :29/07/2011

(87) International Publication No :WO 2012/016131

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BAXTER INTERNATIONAL INC.

Address of Applicant :One Baxter Parkway Deerfield IL
60015 U.S.A.

2)BAXTER HEALTHCARE S.A.

(72)Name of Inventor :

1)SIEKMANN Juergen

2)HAIDER Stefan

3)ROTTENSTEINER Hanspeter

4)IVENS Andreas

5)TURECEK Peter

6)ZOECHLING Oliver

(57) Abstract :

The invention relates to materials and methods of conjugating a water soluble polymer to an oxidized carbohydrate moiety of a therapeutic protein comprising contacting the oxidized carbohydrate moiety with an activated water soluble polymer under conditions that allow conjugation. More specifically the present invention relates to the aforementioned materials and methods wherein the water soluble polymer contains an active aminooxy group and wherein an oxime or hydrazone linkage is formed between the oxidized carbohydrate moiety and the active aminooxy group on the water soluble polymer and wherein the conjugation is carried out in the presence of a nucleophilic catalyst.

No. of Pages : 244 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1142/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR ALLOCATING HYBRID AUTOMATIC REPEAT REQUEST (HARQ) PROCESSES

(51) International classification	:H04W72/04
(31) Priority Document No	:201010233921.4
(32) Priority Date	:20/07/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/075003
Filing Date	:31/05/2011
(87) International Publication No	:WO 2012/010013
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi Tech
Industrial Park Nanshan District Shenzhen Guangdong 518057
China

(72)**Name of Inventor :**
1)ZHANG Haiyan
2)KE Yazhu

(57) Abstract :

The present invention discloses a method and device for allocating Hybrid Automatic Repeat Request (HARQ) processes. The method includes that: an Radio Network Controller (RNC) transmits a notification message carrying degraded capability category of a User Equipment (UE) to a Node B ; the Node B allocates HARQ processes to the U E by using total number of soft channel bits corresponding to the degraded capability category. The present invention enhances the accuracy of the allocation, thus enhancing the performance of the system.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.138/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ROLLER BED WITH ELECTRICAL CLUTCH

(51) International classification :F16C13/04,B23Q1/76
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/059918
Filing Date :09/07/2010
(87) International Publication No :WO 2012/003883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ESAB AB

Address of Applicant :Lindholmsalln 9 S 402 77 Gteborg
Sweden

(72)Name of Inventor :

1)VAN DORPE Werner

(57) Abstract :

The present invention relates to a roller bed (1) for rotating a generally circular work piece (5) in circumferential direction. The roller bed (1) comprises two supporting members (2) and each supporting member (2) comprises a top roller (3) and a bottom roller (4). The rollers (3 4) are adapted for simultaneous mechanical drive in the same circumferential direction. Each top roller (3) is also connected to an electrical clutch which is adapted for disengaging the top roller (3) from the simultaneous mechanical drive. The present invention further relates to a system of roller beds (1).

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1097/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DRIVE MEANS FOR AMPHIBIOUS EQUIPMENT

(51) International classification :B60F3/00,B63H1/34,B63H19/08
(31) Priority Document No :PI2010004398
(32) Priority Date :21/09/2010
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2011/000208
Filing Date :20/09/2011
(87) International Publication No :WO 2012/039600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EIK ENGINEERING SDN. BHD.
Address of Applicant :Lot 16 (PTD 5749) Jalan Kemahiran
Silc 79200 Taman Perindustrian Nusajaya Johor Malaysia
(72)**Name of Inventor :**
1)TIEW Kim Boon

(57) Abstract :

Amphibious construction equipment comprising a working unit supported on a pair of elongate parallel buoyant pontoons (2) each of which carries a caterpillar track (3) driven by sprockets mounted on an axles (5) the axles (5) being positioned at or towards the ends of each pontoon (2) on its upper surface wherein each axle (5) is driven by at least one hydraulic motor (4) all the motors (4) being powered by a single hydraulic pump (7) the motors (4) on each pontoon (2) being arranged such that they run synchronously as to both direction and rate but not necessarily in the same direction or at the same rate as the motors (4) on the other pontoon (2).

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1158/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUBSTITUTED 2 HYDROXY 4 (2 (PHENYLSULFONAMIDO)ACETAMIDO)BENZOIC ACID ANALOGS AS INHIBITORS OF STAT PROTEINS

(51) International classification	:A61K31/18
(31) Priority Document No	:61/369796
(32) Priority Date	:02/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046340
Filing Date	:02/08/2011
(87) International Publication No	:WO 2012/018868
(61) 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 CENTRAL FLORIDA RESEARCH FOUNDATION INC.
Address of Applicant :12201 Research Parkway Suite 501
Orlando FL 32826 U.S.A.
2)UNIVERSITY OF TORONTO MISSISSAUGA
(72)**Name of Inventor :**
1)TURKSON James
2)GUNNING Patrick

(57) Abstract :

In one aspect the invention relates to substituted substituted 2 hydroxy 4 (2 (phenylsulfonamido)acetamido)benzoic acid analogs derivatives thereof and related compounds which are useful as inhibitors of STAT protein activity; synthetic methods for making the compounds; pharmaceutical compositions comprising the compounds; and methods of treating disorders of uncontrolled cellular proliferation associated with a STAT protein activity dysfunction using the compounds and compositions. 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 : 324 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1159/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HYBRID WHEEL LOADER

(51) International classification	:E02F9/20
(31) Priority Document No	:2010209464
(32) Priority Date	:17/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068789
Filing Date	:19/08/2011
(87) International Publication No	:WO 2012/035929
(61) 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 CONSTRUCTION MACHINERY CO. LTD.
Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo
1128563 Japan
(72)**Name of Inventor :**
1)KANEKO Satoru
2)IKIMI Takashi
3)MORIKI Hidekazu
4)ITO Noritaka
5)YANAGIMOTO Hiroaki

(57) Abstract :

To provide a hybrid wheel loader capable of highly efficient and stable supply of power. A hybrid wheel loader comprising: a front work machine (5) at the front of a vehicle; a hybrid control device (20) with an engine (1) and an electricity storage device as the power source thereof that controls output of these power sources; and a capacitor (11) as the electricity storage device. The hybrid control device is characterized by controlling such that the capacitor voltage reduces as the energy held by the vehicle increases.

No. of Pages : 41 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1206/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE PICKUP DEVICE AND IMAGE PICKUP APPARATUS

(51) International classification :G02B7/34,G03B13/36,H04N5/232
(31) Priority Document No :2010181486
(32) Priority Date :16/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065561
Filing Date :07/07/2011
(87) International Publication No :WO 2012/023355
(61) 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)FUJII Shinichi

(57) Abstract :

A second image sensor (200) comprises: a plurality of phase difference detection pixels that generate signals for performing the focus determination using a phase difference detection; and a plurality of image generation pixels that generate signals for generating an image. In the second image sensor (200) first pixel groups in each of which some of the plurality of phase difference detection pixels are arranged in a particular direction and second pixel groups in each of which some of the plurality of image generation pixels are arranged in the particular direction are interleaved in an orthogonal direction that is orthogonal to the particular direction. In a case where an image pickup device which is used for the phase difference detection and for the image generation generates an image the load of the process involved in the image generation can be reduced.

No. of Pages : 89 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.150/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRANSPORTABLE BOTTLING PLANT IN A CONTAINER

(51) International classification :B67C3/02,B67C7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/058326
Filing Date :14/06/2010
(87) International Publication No :WO 2011/157287
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CONTENO

Address of Applicant :Industrieweg 8 B 2630 Aartselaar
Belgium

(72)Name of Inventor :

1)VAN STEEN Christophe

(57) Abstract :

The invention provides a transportable bottling plant integrated into a container (1). The container has a separation wall (6) dividing the container into a bottling room (7) and a technical room (8). A preform feeder (12) a bottle blowing unit (14) a filling and closing unit (16) and first and second transferring devices (13 15) are mounted in the bottling room. A power generator (11) an air compressor (9) and an air conditioning unit (10) are mounted in the technical room.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DETERMINING A RESULTING TOTAL MASS FLOW TO AN EXHAUST GAS MASS FLOW SENSOR

(51) International classification :G01F1/684,G01F1/696,G01F1/72
(31) Priority Document No :10 2010 033 175.9
(32) Priority Date :03/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061324
Filing Date :05/07/2011
(87) International Publication No :WO 2012/016775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PIERBURG GMBH
Address of Applicant :Alfred Pierburg Strae 1 41460 Neuss
Germany
(72)Name of Inventor :
1)T-NNESMANN Andres
2)GRIMM Karsten
3)NIGRIN Sven

(57) Abstract :

The present invention relates to a method for determining a resulting total mass flow in a defined flow direction to an exhaust gas mass flow sensor, and to an exhaust gas mass flow sensor (10) for carrying out this method. The exhaust gas mass flow sensor (10) for carrying out the method preferably comprises two sensor elements (15, 16) which are arranged in series in the flow direction, wherein the second sensor element (16) for its part has two temperature sensors (17, 18) which are arranged in series in the flow direction, and the exhaust gas mass flow sensor (10) additionally has an evaluation unit (28) in which the first and the second characteristic map (29, 30) are stored.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONTAINER CAP AND SEAL ASSEMBLIES

(51) International classification :B65D41/30,B65D51/18,B65D81/24
(31) Priority Document No :61/371080
(32) Priority Date :05/08/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2011/046641
Filing Date :04/08/2011
(87) International Publication No :WO 2012/019039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PRC DESOTO INTERNATIONAL INC.
Address of Applicant :12780 San Fernando Road Sylmar
California 91342 U.S.A.
(72)Name of Inventor :
1)PEREZ Daniel
2)TSE Kieron H.
3)GROCHOWSKI Jason Paul

(57) Abstract :

A container cap and seal assembly (10) comprises a container base (20) a cap (30) and a seal (40) engagable with the container base. The seal is held on the cap when the cap is initially installed on the base. When the cap is subsequently opened the seal disengages from the cap and remains on the base. The seal may then be manually removed and re installed on the base as desired. The container cap and seal assembly may be used to contain pastes liquids and other flowable materials.

No. of Pages : 18 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1059/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

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

(51) International classification :G08G1/16,B60W30/16,B60T7/00

(31) Priority Document No :2010180453

(32) Priority Date :11/08/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/IB2011/001817

Filing Date :05/08/2011

(87) International Publication
No :WO 2012/020297

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471
8571 Japan

(72)Name of Inventor :

1)SHIDA Mitsuhsa

(57) Abstract :

In control over a vehicle, inter-vehicle communication information of a preceding vehicle that runs ahead of the vehicle is acquired, follow-up running control for causing the vehicle to follow the preceding vehicle is executed on the basis of the inter-vehicle communication information, and, during the follow-up running control, a parameter used in the follow-up running control is determined on the basis of a condition in which the inter-vehicle communication information is acquired.

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1111/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING ALUMINUM NITRIDE CRYSTALS

(51) International classification :C30B29/38,C30B19/02,H01L21/208
(31) Priority Document No :2010159973
(32) Priority Date :14/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066146
Filing Date :14/07/2011
(87) International Publication No :WO 2012/008545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO METAL MINING CO. LTD.
Address of Applicant :11 3 Shimbashi 5 chome Minato ku
Tokyo 1058716 Japan
2)TOHOKU UNIVERSITY
(72)Name of Inventor :
1)FUKUYAMA Hiroyuki
2)ADACHI Masayoshi
3)TANAKA Akikazu
4)MAEDA Kazuo

(57) Abstract :

Provided is a method for producing inexpensive, good-quality aluminum nitride crystals. Nitrogen gas is introduced to a Ga-Al alloy molten liquid (4) and aluminum nitride crystals are subjected to epitaxial growth on a seed crystal substrate (3) in the Ga-Al alloy molten liquid (4). The GaN is decomposed into metal Ga and nitrogen gas by Drmging the aluminum nitride crystal growth temperature to within a range of 1,000 °C to 1,500 °C .

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1112/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS OF INHIBITION OF PROTEIN FUCOSYLATION IN VIVO USING FUCOSE ANALOGS

(51) International classification :A61K31/7042

(31) Priority Document No :61/371116

(32) Priority Date :05/08/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/046857

Filing Date :05/08/2011

(87) International Publication No :WO 2012/019165

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SEATTLE GENETICS INC.

Address of Applicant :21823 30th Drive S.E. Bothell WA
98021 U.S.A.

(72)Name of Inventor :

1)SENER Peter

2)ALLEY Stephen

3)BENJAMIN Dennis

(57) Abstract :

The invention provides methods and compositions for the inhibition of fucosylation of proteins including antibodies in vivo by administration of a fucose analog.

No. of Pages : 88 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.154/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ARRANGEMENT IN A COMBUSTION ENGINE

(51) International classification	:F02F11/00
(31) Priority Document No	:10506137
(32) Priority Date	:16/06/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050726
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/159231
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCANIA CV AB
Address of Applicant :S 151 87 Sdertlje Sweden
(72)**Name of Inventor :**
1)LIANDER Fredrik
2)LARS%N Per

(57) Abstract :

An arrangement in combustion engines comprises a cylinder (11) a cylinder head (12) cylinder head seals (16) and a scraper ring (17). An elastic scraper ring seal (23 30) is provided close to either or both of the end surfaces (20 21) of the scraper ring and separates volumes formed close to the scraper ring from the combustion chamber. Separating these volumes from the combustion space prevents the accumulation of residues of incompletely burnt fuel in these volumes. This makes it possible to improve the engines efficiency reduce emission values and lengthen the engines service life.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1053/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR IMPROVING THE MELTING PROCESS

(51) International classification :C03B5/42,F27D1/16
(31) Priority Document No :10 2010 026 187.4
(32) Priority Date :06/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003361
Filing Date :06/07/2011
(87) International Publication No :WO 2012/003977
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GEIB Uwe

Address of Applicant :Froschholzstr. 7 82377 Penzberg
Germany

(72)Name of Inventor :

1)GEIB Uwe

(57) Abstract :

The invention relates to processes and apparatuses for pushing through I pushing in 1 turning through I turning in components 1 linings, as an individual component I section I subassembly for batch feeding I melting furnace I conveying path for the melt I conveying path for other emissions I transportation means for the melt, in that the pushing through I pushing in I turning through I turning in takes places in a manner controlled by means of pushing-through I pushing-in I turning-through and turning-in elements and the corresponding drives or under fully automatic control, preferably observing the maximum permissible compressive and tensile forces of the components I linings of individual components I sections I subassemblies which can be pushed through I pushed in I turned through I turned in in each case, in order to avoid joints in the respective region and to prevent inadmissibly high forces 1 pressures 1 traction I torques on the respective components 1 linings, during a heating operation 1 melting operation 1 cooling operation.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1105/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DATA STORAGE DEVICE WITH DATA INPUT FUNCTION

(51) International classification :G06F3/033,G06F3/06,H04W88/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2010/000253
Filing Date :06/07/2010
(87) International Publication No :WO 2012/005688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)T DATA SYSTEMS (S) PTE LTD
Address of Applicant :1 Palm Drive Singapore 456458
Singapore
(72)Name of Inventor :
1)TAN Joon Yong Wayne

(57) Abstract :

A data storage device (5) having a storage capacity of at least 8Mbyte is surrounded by a housing including a stylus portion (23) having a tip (25) for indicating a position. The stylus includes a position sensing device for generating position data indicative of the position of stylus. The stylus further includes wireless communication means for transmitting and/or receiving data for storage and also transmitting the position data. The position sensing device may be an accelerometer. Alternatively it may be a laser reading head (243) for generating a signal based on received reflections from an emitted laser beam (245). The data storage device may further include an audio sensor (142 242) and be arranged to distinguish vocal commands in the output of the audio sensor 142 242.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1106/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISCHARGE APPARATUS FOR A WIND TURBINE

(51) International classification :F03D11/00
(31) Priority Document No :PA 2010 00692
(32) Priority Date :02/08/2010
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2011/050295
Filing Date :01/08/2011
(87) International Publication No :WO 2012/016568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VESTAS WIND SYSTEMS A/S
Address of Applicant :Hedeager 44 DK 8200 Aarhus N
Denmark
(72)Name of Inventor :
1)LYNGBY Claus Grøn
2)ERICHSEN Hans V.

(57) Abstract :

A discharge apparatus for a wind turbine enables electric charge to be discharged between a first and a second part of the wind turbine rotatable relative to each other. It has a charge transfer unit electrically connected to the first part and an electrically conductive slideway electrically connected to the second part. The charge transfer unit has a sliding member made of an electrically insulating material and maintains mechanical contact to the slideway; and a spark gap electrode electrically connected to the first part and arranged to move in unison with the sliding member over the slideway. The spark gap electrode and slideway thereby form a spark gap with a spark gap width controlled. Discharging is enabled by sparks bridging the spark gap whereas the first and second parts are electrically isolated from each other in the absence of a spark.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.153/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SEQUENCE SPECIFIC REAL TIME MONITORING OF LOOP MEDIATED ISOTHERMAL AMPLIFICATION (LAMP)

(51) International classification	:C12Q1/68
(31) Priority Document No	:61/357428
(32) Priority Date	:22/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/041540
Filing Date	:22/06/2011
(87) International Publication No	:WO 2011/163425
(61) 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 HAWAII
Address of Applicant :2800 Woodlawn Drive Suite 280
Honolulu HI 96822 U.S.A.
(72)Name of Inventor :
1)KUBOTA Ryo
2)JENKINS Daniel M.

(57) Abstract :

Gene based diagnostics capable of rapidly discriminating selected strains of a selected pathogen from other populations within the same species are disclosed. Sequence specific real time monitoring of LAMP of DNA may be accomplished through the use of oligonucleotide probes referred to as assimilating probes. The assimilating probes include two oligonucleotide strands one which includes a quencher (referred to as the quenching probe) and another which includes a fluorophore (referred to as the fluorescent probe). A fluorescent signal results when the two strands are displaced from one another during the LAMP reaction. By monitoring the emitted fluorescence sequence specific amplification may be detected.

No. of Pages : 64 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING SOOT PARTICLES IN THE EXHAUST GAS OF AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F01N3/021
(31) Priority Document No	:10 2010 034 251.3
(32) Priority Date	:13/08/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/063761
Filing Date	:10/08/2011
(87) International Publication No	:WO 2012/020049
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)EMITEC GESELLSCHAFT FR
EMISSIONSTECHNOLOGIE MBH
Address of Applicant :Hauptstrae 128 53797 Lohmar
Germany
(72)Name of Inventor :
1)BRCK Rolf
2)VORSMANN Christian
3)HODGSON Jan

(57) Abstract :

The present invention relates to an apparatus and a method for reducing soot particles in an exhaust gas, in particular an exhaust gas of an internal combustion engine, having at least one first at least partially electrically conductive structure (1), a second at least partially electrically conductive structure (2), an intermediate space (3) between the first structure (1) and the second structure (2), a high voltage source (11) for forming an electric potential between the first structure (1) and the second structure (2), wherein at least one at least partially electrically conductive intermediate structure (8) is arranged in the intermediate space (3), on which intermediate structure (8) an intermediate potential can be formed. In the method according to the invention for treating an exhaust gas which has soot particles, the exhaust gas flows from a first structure (1) to a second structure (2), and a high voltage is applied at least temporarily between the first structure (1) and the second structure (2), with the result that at least part of the soot particles in the exhaust gas is ionized or agglomerated and is deposited on the second structure (2). In addition, according to the invention, an intermediate structure (8) which is arranged in an intermediate space (3) between the first structure (1) and the second structure (2) is loaded at least temporarily with a high voltage which has a value between the potentials of the first (1) and second (2) structures. In this way, the electric field can be influenced favourably, and disruptions as a result of undesirable voltage flashovers are reduced.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.151/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR SCHEDULING THE OPERATION OF ENERGY DISTRIBUTION DEVICES AND INSTALLATION IMPLEMENTING SAME

(51) International classification	:C21D11
(31) Priority Document No	:10 55596
(32) Priority Date	:09/07/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2011/050899
Filing Date	:03/03/2011
(87) International Publication No	:WO 2012/004686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIVES STEIN

Address of Applicant :108 112 avenue de la Libert F 94700
Maisons Alfort France

(72)Name of Inventor :

1)CHERIF IDRISSE EL GANOUNI Oussama

2)VALLET Guy

(57) Abstract :

The invention relates to a method for optimizing the supply of energy over a time interval / of duration D to an installation equipped with N energy distribution devices operating in all or nothing mode and by duration modulation an operation duration A_i being allocated to each of the N energy distribution devices over the time interval / by a command/control system of the installation. According to the method: a schedule is defined over the time interval / by means of the time division of the set of operating sequences of the N energy distribution devices ($B_1 B_2 \dots B_N$) and the schedule is calculated before the start of the time interval / by taking account of the desired operation durations A_i of each energy distribution device and for the distribution device of order number 1 by searching for the optimal position(s) over the time interval of the operating sequence(s) of this distribution device which make it possible to minimize a function U representative of the fluctuations of the energy throughput over the time interval the sequences of the other devices retaining the positions of the initial schedule so as to obtain a resulting optimal schedule; and the above is repeated on the basis of the optimal schedule using successively the distribution devices of higher order number up to the distribution device of order number N and that which minimizes function U is adopted.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.156/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A BIOLOGICAL LIQUID TREATMENT INSTALLATION INCLUDING A BAG FOR A CIRCUIT

(51) International classification :B01D61/20,F04B43/08,F01L15/00
(31) Priority Document No :1055025
(32) Priority Date :23/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/IB2011/052676
Filing Date :20/06/2011
(87) International Publication No :WO 2011/161609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EMD MILLIPORE CORPORATION
Address of Applicant :290 Concord Road Billerica
Massachusetts 01821 U.S.A.
(72)Name of Inventor :
1)WEISSENBACH Jean Louis
2)CIROU Sbastien

(57) Abstract :

The invention concerns a bag comprising a first conduit (13C) which extends longitudinally between a flow pump connector (1 1 C) emerging on a first side (68) and a tangential filter connector (1 1 M) emerging on a second side (69); a second conduit (13B) which extends longitudinally from a first side of said conduit (13C) between a supply container connector (1 1 B) emerging on said first side (68) and another tangential flow connector (1 1 N) emerging on said second side (69); a third conduit (13H) which extends from a second side of said conduit (13C) starting at a collecting container connector (1 1 J) until it enters said first conduit (13C); and a fourth conduit (13A) which extends from the first side of said conduit (13C) starting at a transfer pump connector (1 1A) until it enters said second conduit (13B).

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1007/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NIOBIUM OXIDE COMPOSITIONS AND METHODS FOR USING SAME

(51) International classification :H01M4/48,H01M10/052,C01G33/00
(31) Priority Document No :61/369515
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045964
Filing Date :29/07/2011
(87) International Publication No :WO 2012/016185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM
Address of Applicant :201 West 7th Street Austin Texas 78701 U.S.A.
(72)Name of Inventor :
1)GOODENOUGH John B.
2)HAN Jian Tao

(57) Abstract :

The disclosure relates a niobium oxide useful in anodes of secondary lithium ion batteries. Such niobium oxide has formula LiMNbNbO wherein $0 \leq x \leq 1$ and M represents Ti or Zr. The niobium oxide may be in the form of particles which may be carbon coated. The disclosure also relates to an electrode composition containing at least one or more niobium oxides of formula LiMNbNbO . The disclosure further relates to electrodes such as anodes and batteries containing at least one or more niobium oxides of formula LiMNbNbO . Furthermore the disclosure relates to methods of forming the above.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1050/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THERMOPLASTIC ELASTOMERIC COMPOSITIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:C08L23/28,C08L77/00 :12/851264 :05/08/2010 :U.S.A. :PCT/US2011/040442 :15/06/2011 :WO 2012/018440 :NA :NA :NA :NA	(71)Name of Applicant : 1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 Bayway Drive Baytown TX 77520 2101 U.S.A. (72)Name of Inventor : 1)ELLUL Maria D.
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(57) Abstract :

A dynamically vulcanized alloy contains at least one isobutylene containing elastomer and at least one thermoplastic resin wherein the elastomer is present as a dispersed phase of small particles in a continuous phase of the thermoplastic resin. The elastomer in the alloy is cured by means of a cure system comprising an increased amount of curative and preferably with no cure accelerators present in the cure system. The elastomer obtains at least seventy five percent cure in not more than 15 minutes at temperatures 220°C or greater.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.148/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PURIFYING A FATTY ACID ALKYL ESTER BY LIQUID/LIQUID EXTRACTION

(51) International classification:C10L1/02,B01D11/04,C07C67/58

(31) Priority Document No :1055555

(32) Priority Date :08/07/2010

(33) Name of priority country :France

(86) International Application No :PCT/FR2011/051462

Filing Date :24/06/2011

(87) International Publication No :WO 2012/004489

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ARKEMA FRANCE

Address of Applicant :420 rue dEstienne dOrves F 92700
Colombes France

(72)Name of Inventor :

1)DUBOIS Jean Luc

2)PICCIRILLI Antoine

3)MAGNE Julien

(57) Abstract :

The present invention relates to a process for the selective extraction of monoglycerides present in a fraction of fatty acid alkyl esters (FAAEs), comprising at least one stage of liquid-liquid extraction by means of a polar solvent (PS) comprising a light alcohol and optionally of a nonpolar solvent (NS) comprising a solvent which is immiscible with the light alcohol. The present invention relates in particular to a fraction of fatty acid alkyl esters (FAAEs) of vegetable or animal origin, used in particular in biodiesels, capable of being obtained according to the process of the invention, so that its content of monoglycerides is less than 0.6%.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.159/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HEAT EXCHANGE ARCHITECTURE BUILT INTO THE EXHAUST OF A TURBINE ENGINE

(51) International classification	:F02C7/08
(31) Priority Document No	:1055452
(32) Priority Date	:06/07/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2011/051584
Filing Date	:05/07/2011
(87) International Publication No	:WO 2012/004515
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TURBOMECA
Address of Applicant :BP 2 F 64510 Bordes France
(72)**Name of Inventor :**
1)THOMAS Rainer

(57) Abstract :

The aim of the invention is to provide a heat-exchange architecture for the exhaust of a turbine engine, which is suitable for optimising an overall compromise between performance, weight, and operating costs. For this purpose, the invention provides heat-exchange elements that partially obstruct the hot stream of exhaust gases in order to ensure optimised recovery. In one example of an architecture built into an exhaust line (10) for the gas streams (1) of a turbine engine, the turbine engine is a turboshaft engine (20) comprising a gas generator (22) and a free turbine (27) supplying power to the shaft (30) via a through-shaft (28) and an upstream reduction gear (29). An annular plate-shaped exchanger (60) is installed in the axisymmetric portion of the ejector (16). The exchanger consists of an inlet channel (61) and an outlet channel (62), connected to the inlet and outlet of a central channel (6) wound into the shape of a helix or sine curve in the annular plate (60). The channels (61) and (62) are connected at the other ends thereof to mechanical or electromechanical means for recovering and recycling the energy in order to improve the overall performance of the turbine engine. The energy is recovered via a cold fluid which is heated in the central channel (6) by the transfer of the heat from the residual gases (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1209/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BOOT FOR JOINTS ESPECIALLY FOR CONSTANT VELOCITY JOINTS WITH A TRANSITION AREA

(51) International classification	:F16D3/84,F16J3/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/005170
Filing Date	:24/08/2010
(87) International Publication No	:WO 2012/025129
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GKN DRIVELINE INTERNATIONAL GMBH
Address of Applicant :Hauptstrae 130 53797 Lohmar
Germany
(72)**Name of Inventor :**
1)WETTE Joachim
2)DEISINGER Markus

(57) Abstract :

The present invention provides for a boot (10) for joints especially constant velocity joints having a first attachment region (12) and a fold region (16) with a plurality of folds (18) with peaks (20) and roots (22) and a transition area (24) adjacent to the last fold (18.1) arranged near said first attachment region (12) said transition area (24) comprising a connecting root (52) between said last fold (18.1) in the transition part (50) wherein at least part of said transition part (50) being inclined towards said first attachment region.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.147/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A BAG FOR A CIRCUIT OF A BIOLOGICAL LIQUID TREATMENT INSTALLATION

(51) International classification :B01D15/12,G01N30/06
(31) Priority Document No :1055026
(32) Priority Date :23/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/IB2011/052679
Filing Date :20/06/2011
(87) International Publication No :WO 2012/001569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EMD MILLIPORE CORPORATION
Address of Applicant :290 Concord Road Billerica
Massachusetts 01821 U.S.A.
(72)Name of Inventor :
1)WEISSENBAACH Jean Louis
2)CIROU Sbastien
3)BUISSON Virginie

(57) Abstract :

The invention concerns a bag comprising a first conduit (13J) a second conduit (13K) the first section (13 J 1) of the first conduit (13J) and the first section (13K1) of the second conduit (13K) being opposite; a third conduit (13L) linking said first respective ends (13J2 13K2) of said first respective sections (13J1 13K1); a fourth conduit (13M) linking said second respective ends (13J3 13K3) of said first respective sections (13J1 13K1); a fifth conduit (13N) linking both said second end (13J3) of said first section (13 J 1) and said first end (13M1) of said fourth conduit (13M) and said fifth conduit (13N) linking both said first end (13K2) and said second end (13L2) of said third conduit (13L); said first conduit (13J) and said second conduit (13K) each being connected to a chromatography column connector (1 1 M).

No. of Pages : 46 No. of Claims : 22

(54) Title of the invention : GEODATIC SURVEYING DEVICE HAVING AUTOMATIC HIGH PRECISION TARGET POINT SIGHTING FUNCTIONALITY

(51) International classification	:G01C1/04,G01C15/00	(71)Name of Applicant :
(31) Priority Document No	:10168771.3	1)LEICA GEOSYSTEMS AG
(32) Priority Date	:07/07/2010	Address of Applicant :Heinrich Wild Strasse CH 9435
(33) Name of priority country	:EPO	Heerbrugg Switzerland
(86) International Application No	:PCT/EP2011/061498	(72)Name of Inventor :
Filing Date	:07/07/2011	1)KOTZUR Norbert
(87) International Publication No	:WO 2012/004341	2)METZLER Bernhard
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a geodatic surveying device which is equipped with an automatic target point sighting functionality for determining the position of a target point. The target point is indicated with high spatial precision by a known reticle. The geodatic surveying device is fitted with a sighting apparatus which can be pivoted in a motorized manner relative to a base of the surveying device in order to change the orientation of the apparatus. The sighting apparatus is at least equipped with an objective unit (3) defining an optical target axis OA and with a camera sensor (4) for capturing a camera image of the sighted reticle. The geodatic surveying device is further equipped with an angle measuring functionality for capturing the orientation of the target axis OA and with evaluation means (50) for image processing, data storage and control of the orientation of the sighting apparatus. According to the invention, a reticle pattern that corresponds to the outer shape of the known reticle is stored, wherein a main point of the reticle pattern is predefined as indicating the target point. In order to carry out an automatic target point sighting functionality, the evaluation means are designed such that, after the function start, a camera image of the reticle is automatically recorded, the reticle pattern is aligned with the reticle in the camera image by means of image processing and, depending on a position of the main point in the camera image in the matched state of the reticle pattern, the orientation of the sighting apparatus is changed in a motorized manner such that the @ optical target axis OA is oriented with high precision at the target point.

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE AND METHOD FOR OBTAINING ENERGY IN LIQUID BY UTILIZING BUOYANCY

(51) International classification	:F03B17/04
(31) Priority Document No	:201010222895.5
(32) Priority Date	:06/07/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/000577
Filing Date	:02/04/2011
(87) International Publication No	:WO 2012/003707
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1)SUN Rongjun
Address of Applicant :Room 501 Unit 3 Building 2
Xianghesiji Garden Gulou District Xuzhou Jiangsu 221007 China
(72) **Name of Inventor :**
1)SUN Rongjun

(57) Abstract :

A device for obtaining internal energy from liquid by utilizing buoyancy includes: an inner body (2); a sealing strip (3); a shell body (5); an axle (1) and liquid, wherein the sealing strip (3) is mounted between the shell body (5) and the inner body (2), a liquid entrance (6) is provided at a bottom portion of the shell body (5). the inner body (2) is connected to the axle (1), an energy transformer is connected to the axle (1) or the shell body (5). Internal energy not used in the liquid is transformed into mechanical energy by a combination of the liquid, the inner body (2) and the axle (1). The present invention also provides a method for obtaining internal energy from liquid by utilizing buoyancy.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1057/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RADIATION CURABLE RESIN COMPOSITION FOR ELECTRICAL WIRE

(51) International classification :C08L23/00,C08L33/08,C08L33/10
(31) Priority Document No :2010176217
(32) Priority Date :05/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/NL2011/050533
Filing Date :21/07/2011
(87) International Publication No :WO 2012/018256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
Netherlands
2)JSR CORPORATION
(72)Name of Inventor :
1)UCHIDA Hirofumi
2)IMAI Hirokazu
3)YAMASHITA Yuutoku
4)KUROSAWA Takahiko

(57) Abstract :

The invention relates to a radiation curable resin composition for forming a coating layer for electrical wire; wherein the electrical wire is destined for use as automotive electrical wire. In addition this invention relates to a radiation curable resin composition for forming a coating layer for telephone cable and electrical wire for connecting between electronic devices and inside electronic devices. The resin composition includes the following: (A) a urethane (meth)acrylate having a hard segment derived from an aromatic polyol and a soft segment derived from an aliphatic polyol in a single molecule; (B) a compound with a cyclic structure and one ethylenic unsaturated group; and (C) a radiation polymerization initiator.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1109/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CRUDE OIL DESULFURIZATION

(51) International classification:C10G29/00,C10G31/10,B01F7/26

(31) Priority Document No :61/372013

(32) Priority Date :09/08/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/046476

Filing Date :03/08/2011

(87) International Publication No :WO 2012/021358

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)H R D CORPORATION

Address of Applicant :14549 Minetta Houston Texas 77035 U.S.A.

(72)Name of Inventor :

1)HASSAN Abbas

2)HASSAN Aziz

3)ANTHONY Rayford G.

4)BORSINGER Gregory

(57) Abstract :

A method of removing sulfur from sour oil by subjecting sour oil having a first sulfur content to high shear in the presence of at least one desulfurizing agent to produce a high shear treated stream wherein the at least one desulfurizing agent is selected from the group consisting of bases and inorganic salts and separating both a sulfur rich product and a sweetened oil product from the high shear treated stream wherein the sulfur rich product comprises elemental sulfur and wherein the sweetened oil product has a second sulfur content that is less than the first sulfur content. A system for reducing the sulfur content of sour oil via at least one high shear device comprising at least one rotor and at least one complementarily shaped stator and at least one separation device configured to separate a sulfur rich product and sweetened oil from the high shear treated stream.

No. of Pages : 41 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.191/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STABLE AQUEOUS WAX DISPERSIONS

(51) International classification :C08J3/03,C09D191/06,C08L91/06
(31) Priority Document No :10008584.4
(32) Priority Date :17/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003205
Filing Date :29/06/2011
(87) International Publication No :WO 2012/022389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CLARIANT FINANCE (BVI) LIMITED
Address of Applicant :Citco Building Wickhams Cay P.O.
Box 662 Road Town Tortola VIRGIN ISLANDS
(72)Name of Inventor :
1)SEDILLO Lawrence

(57) Abstract :

This invention relates to a stable aqueous wax dispersion comprising A) from 5 to 65 % by weight of micronized wax the wax comprising an amide wax Polyethylene wax modified Polyethylene wax polyethylene/amide wax polyethylene/polytetrafluoroethylene (PTFE) wax polypropylene wax modified polypropylene wax polyethylene/polypropylene wax polytetrafluoroethylene (PTFE) wax or copolymers thereof or any mixture thereof having a mean particle size of from 1 to 100 µm and an acid number of less than 10 mg of KOH/g of wax and B) 0.5 to 20 % by weight of a thickening/dispersing agent comprising of a alkali swellable acrylic polymers (ASE) or a hydrophobically modified alkali swellable emulsion (HASE) or a hydrophobically modified ethoxylated urethane (HEUR) or a polymer containing both a high molecular weight acrylic copolymer moiety and a hydrophobically modified ethoxylated urethane as a thickening/dispersing agent or mixtures thereof C) 0 to 5 % by weight of a water soluble base as a neutralizing agent D) 0 to 5 % by weight of a surface active/dispersant agent E) 0 to 40 % by weight of a Polymeric binder or Polymeric binders F) 0 to 5 % by weight smectic clay thickening agent(s).

No. of Pages : 34 No. of Claims : 18

(54) Title of the invention : SPINDLE/TOOL COMBINATION FOR A MACHINE TOOL

(51) International classification :B23Q3/12,B23B29/034,B24B33/08
 (31) Priority Document No :10 2010 039 096.8
 (32) Priority Date :09/08/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/061370
 Filing Date :06/07/2011
 (87) International Publication No :WO 2012/019830
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MAG IAS GMBH
 Address of Applicant :Stuttgarter Strae 50 73033 Gppingen
 Germany
 (72)Name of Inventor :
1)RIEKER Hartmut
2)BAYHA Thomas

(57) Abstract :

The invention relates to a spindle/tool combination for a machine tool comprising a tool (56) a spindle (52) to which the tool (56) can be removably attached and by means of which the tool can be rotated wherein the tool comprises at least one linearly displaceable shaft (64) and the spindle comprises an loading device (60) acting on the at least one linearly displaceable shaft of the tool and a push/pull coupling device (82) by means of which the at least one shaft of the tool can be coupled to the loading device wherein the at least one shaft can be actuated by the loading device by pushing or pulling when coupled wherein the push/pull coupling device comprises a clamping jaw and the clamping jaw (106) is disposed in the tool.

No. of Pages : 54 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.172/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHAIR

(51) International classification :A47C1/022,A47C9/10
(31) Priority Document No :1020100055704
(32) Priority Date :11/06/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004274
Filing Date :10/06/2011
(87) International Publication No :WO 2011/155795
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PARK Youngho

Address of Applicant :110 1505 Seongu Apt. Samsung dong
Yangju si Gyeonggi do 482 734 Republic of Korea

(72)Name of Inventor :

1)PARK Youngho

(57) Abstract :

The present invention relates to a changeable chair properly supporting a workers body. A chair, on a chair seat or a chair frame, comprising guide rails which are fixed to the chair seat in a forward and backward direction, and movers which are coupled to the guide rails and are moved in a forward and backward direction of the chair, characterized in that the chair with a chair back which is movable in a forward and backward direction of the chair comprises a brake device which fixes the movements of the movers, and the brake device comprises brake pieces which receive the operation of a brake lever, and then are compressed to a fixed region of the chair and fix the movers.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.188/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OPTIMIZED PATTERNS OF DEMODULATION REFERENCE SIGNALS

(51) International classification	:H04L27/26,H04L5/00	(71)Name of Applicant :
(31) Priority Document No	:61/358985	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:28/06/2010	Address of Applicant :16483 S 16483 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/052846	1)J-NGREN George
Filing Date	:28/06/2011	2)SORRENTINO Stefano
(87) International Publication No	:WO 2012/001631	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Orthogonality in cyclic shift (CS) and orthogonal cover code (OCC) selection for DMRS in MIMO is improved by new n(2)DMRS to mapping patterns. Values in the mapping tables are arranged in sets, with minimum CS separation between the values in each set. Additionally, the semi-static n DMRS is independently configurable for each UL component carrier (CC) in the case of cross-CC scheduling in carrier aggregation, and the PHICH allocation formula that defines the allocation of the PHICH process relative to the k_f codeword (CW) on the cf UL CC is a function of both the CS index n(2)DMRS,K,C that is dynamically assigned to a certain layer of the considered CW and the semi-static CS offset n(1)DMRS,C for the cf CC.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE PERTAINING TO COOLING OF DOSING UNITS OF SCR SYSTEMS

(51) International classification :F01N3/20,F01N9/00,F01N11/00
(31) Priority Document No :10506426
(32) Priority Date :21/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050783
Filing Date :20/06/2011
(87) International Publication No:WO 2011/162688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCANIA CV AB
Address of Applicant :S 151 87 Sdertlje Sweden
(72)Name of Inventor :
1)LILJESTRAND Andreas
2)BREMBERG Per
3)CARLSSON Ulf
4)ERIKSSON Lars
5)GUSTAFSSON Erik

(57) Abstract :

The invention relates to a method pertaining to SCR systems for exhaust cleaning comprising the steps of deciding about a need after cessation of an exhaust flow to cool a reducing agent dosing unit (250) which forms part of the SCR system by means of reducing agent supplied to it and of predicting a temperature pattern of said dosing unit (250) as a basis for deciding about said need and predicting accordingly whether a predetermined temperature of the dosing unit (250) will be reached after said cessation of exhaust flow. The invention relates also to a computer programme product containing programme code (P) for a computer (200; 210) for implementing a method according to the invention. The invention relates also to an SCR system and a motor vehicle which is equipped with the SCR system.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.140/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHODS FOR NULL STEERING IN A MULTICARRIER SYSTEM

(51) International classification :H04L27/26,H04L5/00,H04B7/08

(31) Priority Document No :206417

(32) Priority Date :16/06/2010

(33) Name of priority country :Israel

(86) International Application No :PCT/IL2011/000468

Filing Date :13/06/2011

(87) International Publication No :WO 2011/158230

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ELTA SYSTEMS LTD.

Address of Applicant :100 Yitzhak Hanassi Blvd. P.O.B. 330
77102 Ashdod Israel

(72)Name of Inventor :

1)KOIFMAN Gil

2)SHOSHAN Yaakov

(57) Abstract :

A system and methods for cancelling spatial interference associated with an original multi carrier signal carrying at least one data transmission sent by a transmitter to an antenna array comprising a plurality of antennae and having a receiver operatively associated therewith the system receiving a plurality of received signals respectively including interference and the original signal as received by a respective individual antenna from among the plurality of antennae the system comprising a spatial nulling device for generating a cleaner signal by reducing at least one spatial component of the interference; and a signal manipulator operative to manipulate a derivative of the received signal so as to cause the at least one data transmission to be more concentrated in a subset of frequency bands in which the spatial nulling device is more effective and to be less concentrated in frequency bands which do not belong to the subset of frequency bands.

No. of Pages : 84 No. of Claims : 160

(12) PATENT APPLICATION PUBLICATION

(21) Application No.161/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS FOR PRODUCING PROTEINS IN PLANTS

(51) International classification :C12N15/82
(31) Priority Document No :10169888.4
(32) Priority Date :16/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062180
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PHILIP MORRIS PRODUCTS S.A.
Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel
Switzerland
(72)Name of Inventor :
1)CARRARO Andrea
2)FAULKNER John
3)KLIPFEL Yorick
4)MIRONOV Oleg
5)OISHI Karen
6)ROESTI Sandrine

(57) Abstract :

The present invention relates to methods for expressing proteins of interest particularly pharmaceutically valuable proteins transiently in plants. In particular the invention provides an improved method for introducing Agrobacterium cells into a whole plant or a plant organ. The methods of the invention provides efficient agroinfiltration of many plants singly or simultaneously resulting in a yield of recombinant proteins that is higher than that obtained by other methods. The methods can be readily scaled and automated to meet changing demands of the recombinant protein.

No. of Pages : 72 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTRAMEDULLARY NAIL

(51) International classification	:A61B17/72
(31) Priority Document No	:61/362937
(32) Priority Date	:09/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/034784
Filing Date	:02/05/2011
(87) International Publication No	:WO 2012/005801
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SYNTHES USA LLC
Address of Applicant :1302 Wrights Lane East West Chester
Pennsylvania 19380 U.S.A.
2)SYNTHES GMBH
(72)Name of Inventor :
1)OVERES Tom

(57) Abstract :

An intramedullary device includes an intramedullary nail (9) extending along a longitudinal axis from a proximal end to a distal end a proximal portion of the intramedullary nail including a cavity (14) extending from an opening at the proximal end along the longitudinal axis and a locking hole (15) extending transversely therethrough along with a first insert (2) sized and shaped for insertion into the cavity along the longitudinal axis thereof and including a transverse bore (20) aligning with the locking hole and a second insert (3) for engaging an inner surface of the cavity proximally of the first insert to retain the first insert within the cavity and including a central bore (30) extending longitudinally therethrough for coupling to an insertion instrument.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.178/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE STATOR/DOUBLE ROTOR MOTOR AND DIRECT ACTUATOR FOR WASHER USING SAME

(51) International classification	:H02K16/00
(31) Priority Document No	:1020100059533
(32) Priority Date	:23/06/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/004343
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/162501
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMOTECH CO. LTD.
Address of Applicant :5B/L 1Lot Namdonggongdan 617
Namchon dong Namdong gu Incheon 405 846 Republic of Korea
(72)**Name of Inventor :**
1)KIM Byoung Soo

(57) Abstract :

Provided are a double-stator/double-rotor type motor, and a direct drive apparatus for a washing machine using the double-stator/double-rotor type motor, in which a nonmagnetic material is provided between inner and outer stators so as to form dual magnetic circuits that are respectively separated for an inner rotor and an outer rotor, and a 10 double stator is disposed between an inner rotor and an outer rotor so as to separably form a magnetic circuit with a shortened magnetic.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.204/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ARC DEPOSITION SOURCE HAVING A DEFINED ELECTRIC FIELD

(51) International classification :C23C14/02,C23C14/32,C23C14/35
(31) Priority Document No :61/357272
(32) Priority Date :22/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/002734
Filing Date :03/06/2011
(87) International Publication No :WO 2011/160766
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OERLIKON TRADING AG TRBBACH
Address of Applicant :Hauptstrasse CH 9477 Tr¼bbach
Switzerland
(72)Name of Inventor :
1)KRASSNITZER Siegfried
2)HAGMANN Juerg

(57) Abstract :

The invention relates to an arc deposition device, comprising a cathode, an anode, as well as a voltage source for putting the anode at positive potential relative to the cathode. The device also comprises magnetic elements, which cause a magnetic field over the cathode surface, wherein the anode is arranged in the vicinity of the cathode in such a way that the magnetic field lines exiting from the cathode surface hit the anode.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.155/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TIRE HAVING STAGGERED TURN UPS

(51) International classification :B60C15/00
(31) Priority Document No :12/827675
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042313
Filing Date :29/06/2011
(87) International Publication No :WO 2012/003203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BRIDGESTONE AMERICAS TIRE OPERATIONS LLC
Address of Applicant :535 Marriott Dr. Nashville TN 37214
U.S.A.
(72)Name of Inventor :
1)BUXTON Todd A.
2)HARRIS Bradley J.
3)IWAMOTO Taro
4)SWARTZWELDER Christopher A.

(57) Abstract :

A tire (100) having a circumferential tread (102) at least one belt (132a f) an inner liner a pair of sidewalls (104) and at least three carcass plies (114 116 118). The tire (100) includes a pair of bead portions (106) each including a bead core (108) a bead filler (110) a flipper a chafer and a gum strip. The at least three carcass plies (114 116 118) extend radially downward inward of the bead filler (110) extend around the bead core (108) and continue upward outward of the bead filler (110) and terminate in at least three turn up ends (126 128 130). At least one of the turn up ends does not contact at least one of the radially downward extending carcass plies the flipper or the bead filler (110) in one of the sidewalls (104) and at least two of the turn up ends contact at least one of the radially downward extending carcass plies the flipper (204) or the bead filler (110 308 408 508 608) in one of the sidewalls (104 304 404 504 604).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.182/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SIMULTANEOUS DETERMINATION OF MULTIPLE ANALYTES IN INDUSTRIAL WATER SYSTEM

(51) International classification :G01N21/78,G01N21/80,G01N31/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/001170
Filing Date :03/08/2010
(87) International Publication No :WO 2012/016350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 River Road Schenectady New York
12345 U.S.A.
(72)Name of Inventor :
1)XIAO Caibin
2)CHEN Bingzhi
3)YU Chunbo
4)XU Hong

(57) Abstract :

A multi purpose reagent composition is used for simultaneously determining concentrations of at least two analytes in a water sample. The two analytes are selected from the group consisting of free chlorine pH anionic polymer and phosphates. In one embodiment the multi purpose reagent composition is for simultaneously determining the concentration of free chlorine and pH and comprises a free chlorine sensitive dye and pH indicator. In another embodiment the reagent composition is for simultaneously determining of free chlorine and anionic polymer and includes a free chlorine sensitive dye a pH buffer cationic dye and organic co solvent. Thus the pairs of free chlorine and pH or free chlorine and anionic polymer are determined using a single reagent composition. The reagent composition can also be the main reagent for one analyte analysis when it is used exclusively and also function as an ancillary reagent when it is combined with a second reagent composition for the determination of another analyte.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.192/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE PERTAINING TO COOLING OF DOSING UNITS OF SCR SYSTEMS

(51) International classification :F01N3/20,F01N9/00,F01N11/00
(31) Priority Document No :10506533
(32) Priority Date :21/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050773
Filing Date :17/06/2011
(87) International Publication No:WO 2011/162684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCANIA CV AB
Address of Applicant :S 151 87 Sdertlje Sweden
(72)**Name of Inventor :**
1)LILJESTRAND Andreas
2)BREMBERG Per
3)ARVIDSSON Daniel

(57) Abstract :

The invention relates to a method pertaining to SCR systems which comprise a dosing unit (250) to supply reducing agent to an exhaust duct (240) for exhaust cleaning and a container for reducing agent comprising the step of choosing (s310; s340) a limit level for reducing agent in said container (205). The method comprises also the steps of determining (s320) a cooling requirement of said dosing unit (250) and choosing (s340) a limit level for reducing agent in said container (205) on the basis of said cooling requirement. The invention relates also to a computer programme product containing programme code (P) for a computer (200; 210; 400) for implementing a method according to the invention. The invention relates also to a device of an SCR system which comprises a dosing unit (250) to supply reducing agent to an exhaust duct (240) for exhaust cleaning and a motor vehicle (100) which is equipped with the device.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.208/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPOSITIONS COMPRISING DERIVATIVES OF ESSENTIAL OIL COMPOUNDS AND USE IN PERSONAL CARE PRODUCTS

(51) International classification	:A61K8/33,A61Q11/00	(71)Name of Applicant :
(31) Priority Document No	:61/365418	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:19/07/2010	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/044476	(72)Name of Inventor :
Filing Date	:19/07/2011	1)SCOTT Douglas Craig
(87) International Publication No	:WO 2012/012385	2)SANKER Lowell Alan
(61) Patent of Addition to Application	:NA	3)SWAINE JR. Robert Leslie
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compositions containing one or more derivatives of essential oil compounds for use in personal care compositions such as compositions for oral throat and skin care are disclosed. These derivatives include acetals of parent essential oil aldehydes and ketones; esters or ethers of parent essential oil alcohols and phenolics; and esters of parent essential oil acids. Examples of parent essential oil aldehydes and ketones include citral cinnamic aldehyde anisaldehyde vanillin ethyl vanillin heliotropin carvone and menthone. Examples of parent essential oil alcohols and phenolics include thymol eugenol isoeugenol dihydroeugenol carvacrol carveol geraniol nerol vanillyl alcohol heliotropyl alcohol anisyl alcohol cinnamyl alcohol and ionol. Examples of parent essential oil acids include anisic acid cinnamic acid vanillic acid and geranic acid. The present compositions comprising essential oil derivatives are useful as base flavor or base perfume for incorporation into personal care products and to provide other benefits including antimicrobial efficacy. Optionally the compositions will contain additional antimicrobially or anti inflammatory effective components including those also derived from plant essential oils or synthetic versions thereof.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.160/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR DISINFECTION OF CONTACT LENSES STORED IN A CASE

(51) International classification :A61L12/06,A45C11/00	(71)Name of Applicant :
(31) Priority Document No :61/357786	1)JOHNSON & JOHNSON VISION CARE INC.
(32) Priority Date :23/06/2010	Address of Applicant :7500 Centurion Parkway Jacksonville
(33) Name of priority country :U.S.A.	FL 32256 U.S.A.
(86) International Application No :PCT/US2011/040725	(72)Name of Inventor :
Filing Date :16/06/2011	1)PUGH Randall B.
(87) International Publication No :WO 2011/163054	2)KERNICK Edward R.
(61) Patent of Addition to Application Number :NA	3)NEELEY William Chester
Filing Date :NA	4)ABOUHALKAH Dwight
(62) Divisional to Application Number :NA	5)VOSS Leslie A.
Filing Date :NA	6)PUTT Karson S.
	7)RIALL James Daniel

(57) Abstract :

The present invention provides for a disinfecting radiation base for working in conjunction with a storage case for an ophthalmic lens. The disinfecting radiation base provides disinfecting radiation for disinfecting a surface of the storage case. The disinfecting radiation base may also include a processor and digital memory for automated functions associated with the base.

No. of Pages : 20 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.177/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE STATOR/DOUBLE ROTOR MOTOR AND DIRECT ACTUATOR FOR WASHER USING SAME

(51) International classification	:H02K16/00
(31) Priority Document No	:1020100059532
(32) Priority Date	:23/06/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/004342
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/162500
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMOTECH CO. LTD.
Address of Applicant :5B/L 1Lot Namdonggongdan 617
Namchon dong Namdong gu Incheon 405 846 Republic of Korea
(72)**Name of Inventor :**
1)KIM Byoung Soo

(57) Abstract :

Provided are a double-stator/double-rotor type motor, in which a double rotor is disposed between an inner stator and an outer stator so as to face the inner stator and the outer stator and form a magnetic circuit with a shortened magnetic path with respect to each of the inner stator and the outer stator, to thereby promote efficiency of the motor, 10 and in which magnets are mounted on inner and outer circumferential surfaces of a back yoke, and a direct drive apparatus for a washing machine using the double-stator/doublerotor type motor. The double-stator/double-rotor type motor includes: a rotor including a first permanent magnet mounted on an inner circumferential surface of a back yoke and a second permanent magnet mounted on an outer circumferential surface of the back yoke; 15 an inner stator that faces the first permanent magnet with a first air gap, to generate a first magnetic field that rotates the rotor; and an outer stator that faces the second permanent magnet with a second air gap, to generate a second magnetic field that rotates the rotor.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.209/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIRELESS TARGET SYSTEM

(51) International classification :F41G3/26,F41J2/00,F41J5/00
(31) Priority Document No :PCT/SE2010/050754
(32) Priority Date :30/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050877
Filing Date :29/06/2011
(87) International Publication No :WO 2012/002898
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SAAB AB

Address of Applicant :S 581 88 Linkping Sweden

(72)Name of Inventor :

1)CEDERWALL Per

(57) Abstract :

A wireless target system unit (1) for a weapon effect simulation system comprising a radio transmitter and receiver (2) for communication with a control system the wireless target system unit (1) further comprising a laser receiver (6) arranged for receiving laser light from an attacking system. The wireless target system unit (1) comprises two retro reflecting prisms (3 4) arranged to retro reflect an incident laser light from an attacking system wherein each reflecting centre (3a 4a) of said retro reflecting prisms (3 4) and a sensor centre (6a) of said laser receiver(6)are mounted such that they form an isosceles triangle and that the distance (D1 D2) between the reflecting centre (3a 4a) of each said retro reflecting prism (3 4) and the sensor centre (6a) of said laser receiver (6) are equal.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.214/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONJUGATES COMPRISING HYDROXYALKYL STARCH AND A CYTOTOXIC AGENT AND PROCESS FOR THEIR PREPARATION

(51) International classification :A61K47/48,A61P35/00		(71)Name of Applicant :
(31) Priority Document No :10007108.3		1)FRESENIUS KABI DEUTSCHLAND GMBH
(32) Priority Date :09/07/2010		Address of Applicant :Else Krner Str. 1 61352 Bad Homburg
(33) Name of priority country :EPO		v.d.H. Germany
(86) International Application No :PCT/EP2011/003459		(72)Name of Inventor :
Filing Date :11/07/2011		1)KNOLLER Helmut
(87) International Publication No :WO 2012/004006		2)HECKMANN Dominik
(61) Patent of Addition to Application Number :NA		3)HACKET Frank
Filing Date :NA		4)ZANDER Norbert
(62) Divisional to Application Number :NA		5)NOCKEN Frank
Filing Date :NA		6)SASWATA Lahiri
		7)GUPTA Nitin
		8)SANGHANI Sunil
		9)ABUL Azim
		10)SINGH Hemant Kumar
		11)GREWAL Sandeep
		12)KAUR Sandeep

(57) Abstract :

The present invention relates to a hydroxyalkyl starch conjugate and a method for preparing the same said hydroxyalkyl starch conjugate comprising a hydroxyalkyl starch derivative and a cytotoxic agent the cytotoxic agent comprising at least one secondary hydroxyl group wherein the hydroxyalkyl starch is linked via said secondary hydroxyl group to the cytotoxic agent. The conjugate according to the present invention has a structure according to the following formula HAS (L M) wherein M is a residue of the cytotoxic agent L is a linking moiety HAS is the residue of the hydroxyalkyl starch derivative and n is greater than or equal to 1 and wherein the hydroxyalkyl starch derivative has a mean molecular weight (MW) above the renal threshold.

No. of Pages : 322 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1056/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE SYSTEM AND METHOD FOR PRODUCING A MAGNETICALLY INDUCED VISUAL EFFECT

(51) International classification :G03G15/20,G03G19/00,G03G21/04
(31) Priority Document No :10010506.3
(32) Priority Date :24/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066583
Filing Date :23/09/2011
(87) International Publication No :WO 2012/038531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SICPA HOLDING SA
Address of Applicant :Avenue de Florissant 41 CH 1008 Prilly Switzerland
(72)Name of Inventor :
1)DEGOTT Pierre
2)DESPLAND Claude Alain
3)SCHMID Mathieu

(57) Abstract :

The invention relates to a device system and method for producing magnetically induced visual effects in coatings particularly security or decorative features containing orientable magnetic particles. The device comprises a printing unit an orientation means a substrate guiding system and a photocuring unit. The printing unit is arranged to print with the coating composition an image on a first side of a substrate. The orientation means comprises a magnetic field generating element for orienting the magnetic particles in the coating composition of the printed image. The substrate guiding system is arranged to bring and hold the substrate in contact with the orientation means. The photocuring unit irradiates the image printed on the substrate to at least partially cure the coating composition of the image while the substrate is still in contact with the orientation means. The photocuring unit is configured such that its emission of thermal radiation energy is such limited as to not heat the orientation means to an average temperature T1 exceeding 100°C.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1155/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EXTRACELLULAR ALDONOLACTONE

(51) International classification	:C12P7/58
(31) Priority Document No	:61/369358
(32) Priority Date	:30/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/041704
Filing Date	:23/06/2011
(87) International Publication No	:WO 2012/015545
(61) 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 REGENTS OF THE UNIVERSITY OF CALIFORNIA

Address of Applicant :1111 Franklin Street 12th Floor
Oakland CA 94607 5200 U.S.A.

(72)Name of Inventor :

1)BEESON William T.

2)DOUDNA CATE James H.

3)MARLETTA Michael A.

(57) Abstract :

The present disclosure relates to hydrolysis of hexose-6-lactones by use of an *S. thermophile* extracellular aldonolactonase. In particular the present disclosure relates to compositions including a *S. thermophile* extracellular aldonolactonase and methods of use thereof.

No. of Pages : 62 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1156/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PARTICULATE SUBSTANCES COMPRISING CERAMIC PARTICLES FOR DELIVERY OF BIOMOLECULES

(51) International classification :A61K9/14,A61K38/00,A61K48/00
(31) Priority Document No :2010903683
(32) Priority Date :16/08/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/001040
Filing Date :15/08/2011
(87) International Publication No :WO 2012/021922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AUSTRALIAN NUCLEAR SCIENCE & TECHNOLOGY ORGANISATION
Address of Applicant :New Illawarra Road Lucas Heights NSW 2234 Australia
(72)Name of Inventor :
1)BARB% Christophe Jean Alexandre
2)FINNIE Kim Suzanne
3)KNIGHT Samuel
4)PASSIOURA Toby Johnston

(57) Abstract :

A particulate substance comprising particles of a ceramic matrix bearing a functional group the functional group being capable of promoting penetration of the particles into cells and a biomolecule disposed within pores of the particles the biomolecule being releasable from the particles by dissolution of the ceramic matrix.

No. of Pages : 80 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.141/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FUEL INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/40,F02M45/08,F02M51/06
(31) Priority Document No :10168795.2
(32) Priority Date :07/07/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/061558
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)C.R.F. SOCIET CONSORTILE PER AZIONI
Address of Applicant :Strada Torino 50 I Orbassano Italy
(72)Name of Inventor :
1)STUCCHI Sergio
2)RICCO Raffaele
3)DE MICHELE Onofrio
4)GARGANO Marcello

(57) Abstract :

A fuel injection system (2) for an internal combustion engine has at least one fuel injector (1) with a fuel metering servo valve (9) for controlling the discharge of fuel from a metering chamber (12); the fuel pressure in the metering chamber (12) controls an open/close needle (7) for carrying out fuel injections into a cylinder; an electronic control unit (11) issues two electrical commands (S1 S2) separated by an electrical dwell time (DT) one for carrying out a pilot injection (P) and one for carrying out a main injection (M) such that the main injection (M) starts before the pilot injection (P) ends while the open/close needle (7) remains at a lift value in which the fuel flow rate is negligible; in particular the second electrical command (S2) is issued during a rebound phase (T) of an open/close element (15) of the fuel metering servo valve (9).

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.195/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LEAD FOIL LOOP FORMATION

(51) International classification :H01L31/18,H01L31/05,H01L21/67
(31) Priority Document No :61/360192
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042129
Filing Date :28/06/2011
(87) International Publication No :WO 2012/012132
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIRST SOLAR INC
Address of Applicant :28101 Cedar Park Boulevard
Perrysburg OH 43551 U.S.A.
(72)**Name of Inventor :**
1)MALIK Jr. Richard S.

(57) Abstract :
A lead foil loop formation tool includes a pair of rollers.

No. of Pages : 17 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.215/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CAVITY AND CORE CHANGEABLE FOAM FORMING MOLD

(51) International classification	:B29C44/58,B29C33/30	(71)Name of Applicant :
(31) Priority Document No	:1020100077773	1)DONGSHIN INDUSTRY INC.
(32) Priority Date	:12/08/2010	Address of Applicant :344 1 Maegok dong Buk gu Ulsan 683
(33) Name of priority country	:Republic of Korea	420 Republic of Korea
(86) International Application No	:PCT/KR2011/005675	(72)Name of Inventor :
Filing Date	:02/08/2011	1)KIM Gyong Ho
(87) International Publication No	:WO 2012/020940	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a cavity and a core changeable foam-forming mDld. According to a preferred 5 embodiment of the present invention, the cavity and the core changeable foam-forming mold, comprises: a fixing mold; a mobile mold which is horizontally moved in the direction of the fixing mold and is combined with the fixing mold for coupling with a forming machine; one or more cavities which are 10 detachably coupled with one side cf the mobile mold facing the fixing mold; one or more cores which are detachably coupled with one side of the fixing mold facing the mobile mold; a raw material injection unit which is provided at the mobile mold and supplies a raw material for a laolded product into a forming 15 space formed among the cavity and the cores when the mobile mold is coupled with the fixing mold; and an extraction unit which is provided at the mobile mold and separates the molded product formed in the forming space from the cavity.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.139/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE RECOVERY OF OLEAGINOUS COMPOUNDS FROM BIOMASS

(51) International classification :C12P7/00,C12P1/00
(31) Priority Document No :61/367763
(32) Priority Date :26/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045398
Filing Date :26/07/2011
(87) International Publication No :WO 2012/015831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAPPHIRE ENERGY INC.
Address of Applicant :Legal Department 3115 Merryfield
Row San Diego California 92121 U.S.A.
(72)Name of Inventor :
1)CRANFORD Richard J.
2)ROUSSIS Stilianos G.
3)ARAVANIS Alex

(57) Abstract :

Disclosed herein are methods and processes for the recovery of oleaginous compounds from biomass in particular biomass comprises photosynthetic microorganisms and oleaginous compositions obtained using the disclosed methods. The method for obtaining an oleaginous composition from biomass comprises the following steps: (a) obtaining an feedstock comprising said biomass and water; (b) heating the feedstock in a closed reaction vessel to a first temperature between about 250°C and about 360°C and holding at said first temperature for a time between 0 minutes and about 90 minutes (c) cooling the feedstock of (b) to a temperature between ambient temperature and about 150°C; (d) acidifying the cooled feedstock of (c) to a pH from about 3.0 to less than 6.0 to produce an acidified composition; (e) heating the acidified composition of (d) to a second temperature of between about 40°C and about 150°C and holding the acidified composition at said second temperature for between 0 minutes and about 45 minutes; (f) separating the acidified composition into at least an organic phase and an aqueous phase; and (g) removing the organic phase from said aqueous phase to obtain an oleaginous composition.

No. of Pages : 73 No. of Claims : 125

(54) Title of the invention : NEEDLE ADAPTOR AND AUTOMATIC SAMPLER USING THE SAME

(51) International classification :G01N1/22
 (31) Priority Document No :2011-153235
 (32) Priority Date :11/07/2011
 (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 :

1)SHIMADZU CORPORATION

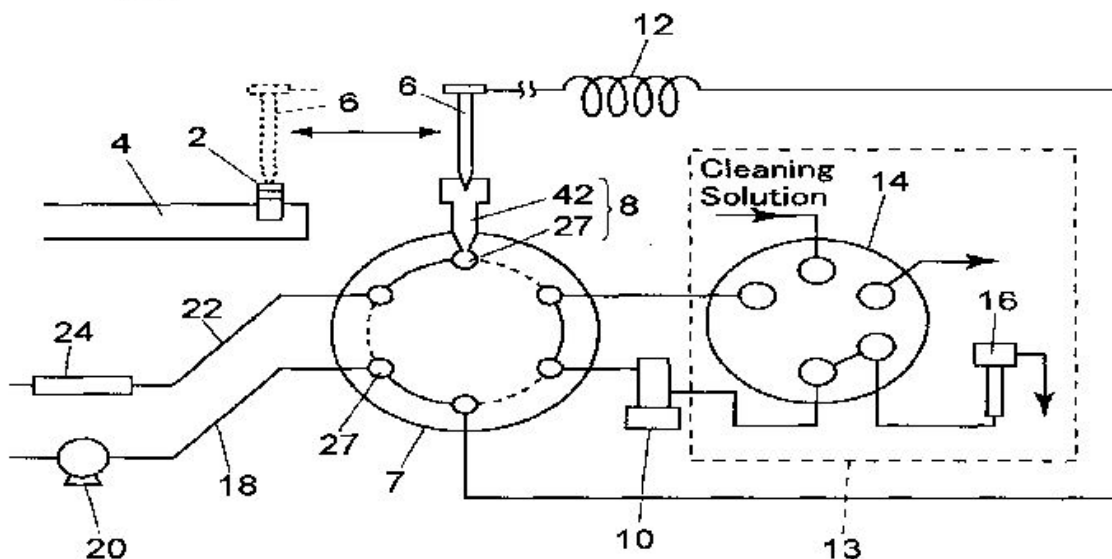
Address of Applicant :1, NISHINOKYO-KUWABARA-CHO, NAKAGYO-KU, KYOTO-SHI, KYOTO, 6048511, JAPAN

(72)Name of Inventor :

1)YASUNAGA, KENICHI

(57) Abstract :

A needle adaptor mounted to one of a plurality of pipe connecting ports provided to a flow path switching valve to form an injection port into which a needle is inserted to inject a sample is described. The needle adaptor comprises a dummy pipe having the same outer diameter as a normal pipe connected to the flow path switching valve, a port fixing portion for fixing the dummy pipe to the port, a needle seal for retaining the needle to connect the needle and the dummy pipe and a needle seal housing mounted to the port fixing portion to retain the needle seal. The port fixing portion has the same shape as a port fixing portion of a pipe connecting member for connecting the normal pipe to the pipe connecting port and is configured to connect the dummy pipe to the pipe connecting port.

Fig. 1

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.218/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CALL CENTER SYSTEM AND ACCESSING METHOD THEREOF

(51) International classification	:H04M3/523
(31) Priority Document No	:201010199060.2
(32) Priority Date	:08/06/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/073468
Filing Date	:28/04/2011
(87) International Publication No	:WO 2011/153879
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi Tech
Industrial Park Nanshan District Shenzhen Guangdong 518057
China
(72)**Name of Inventor :**
1)ZHAO Chunhui

(57) Abstract :

A call center system and a n accessing method thereof are provided b y the present invention, i n which said method includes the following steps: a user equipment obtains the identification information o f the user through a Web interface, and determines the communica tion service selected b y the user based o n the identification information (S202); the user equipment transmits a queuing request o f the user corresponding t o the communication service t o a Computer Telephony Integration system (CTI) server through a queuing server (S204); and the CTI server performs the corresponding accessing process based o n the queuing information i n the queuing request (S206). The CTI present invention improves the system performance and u s ability, and enhances the user experience.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.234/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHROMATOGRAPHY METHOD AND MEDIA USED THEREFORE

(51) International classification :B01J20/285,B01D15/36,B01J39/26
(31) Priority Document No :10507747
(32) Priority Date :09/07/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050852
Filing Date :28/06/2011
(87) International Publication No :WO 2012/005664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GE HEALTHCARE BIO SCIENCES AB
Address of Applicant :Patent Department Bjrgatan 30 S 751
84 Uppsala Sweden
(72)Name of Inventor :
1)BERGSTROM-M Jan
2)JOHANSSON Bo Lennart

(57) Abstract :

The present invention relates to a method for running ion exchange chromatography on a media comprising shell beads having an inner porous core and an outer shell wherein the inner core is provided with ligands whose charge changes with pH and the shell is provided with charged ion exchange ligands the method comprising the following steps: a) adsorbing sample molecules on the shell ligands at a first pH; b) causing a discharge of the inner core ligands at a second pH by addition of a buffer substance that is able to increase its charge having the same sign/type as that of the core ligands which at the same time causes release of ions from the inner core ligands and thereby an increase in ionic strength that displaces the sample molecules from the shell ligands i.e. causes an elution.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1201/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CRYSTAL FORM OF 4 ISOPROPYLPHENYL GLUCITOL COMPOUND AND PROCESS FOR PRODUCTION THEREOF

(51) International classification	:C07D309/10
(31) Priority Document No	:2010184854
(32) Priority Date	:20/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068736
Filing Date	:19/08/2011
(87) International Publication No	:WO 2012/023598
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TAISHO PHARMACEUTICAL CO. LTD.

Address of Applicant :24 1 Takada 3 chome Toshima ku
Tokyo 1708633 Japan

(72)Name of Inventor :

1)KIMURA Yoshihiro

2)IMURA Koreaki

3)OSAKI Naoto

4)MATSUSHIMA Ayumi

(57) Abstract :

Provided are a highly stable crystal of (1S) 1 5 anhydro 1 [5 (4 {(1E) 4 [(1 {2 (dimethylamino) ethyl}amino} 2 methyl 1 oxopropan 2 yl)amino] 3 3 dimethyl 4 oxobut 1 en 1 yl}benzyl) 2 methoxy 4 (propan 2 yl)phenyl] D glucitol and a process for producing the crystal. Specifically provided are an ethanol solvate having the physical properties mentioned below and another multiple crystal forms derived from the ethanol solvate: (a) peaks appear at $2\theta = 5.9^\circ$ 17.1° 17.6° and 21.5° in powder X ray diffraction (Cu Ka); (b) characteristic absorption bands appear at 3538 cm 3357 cm 2964 cm 1673 cm 1634 cm and 1505 cm in infrared absorption spectra; and (c) the melting point is about 111°C .

No. of Pages : 52 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1202/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TOOL LESS REKEYABLE LOCK CYLINDER

(51) International classification :E05B27/04,E05B29/04
(31) Priority Document No :12/852716
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046681
Filing Date :05/08/2011
(87) International Publication No :WO 2012/021384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEWFREY LLC
Address of Applicant :1207 Drummond Plaza Newark
Delaware 19711 U.S.A.
(72)Name of Inventor :
1)WHEATLAND Graham J.

(57) Abstract :

A rekeyable lock cylinder includes a plug assembly and a lock cylinder. The plug assembly includes a plug body a plurality of key followers a plurality of racks and a rack carrier that carries the plurality of racks. The rack carrier is moveable relative to the plug body between a proximal end and a distal end. A cam follower extends outwardly from the rack carrier. The lock cylinder body includes a cylinder wall with the plug assembly rotatably disposed therein and has a cam track configured on the cylinder wall at an interior surface to guide the cam follower of the plug assembly. The cam track has a ramp portion configured to longitudinally displace the cam follower and the rack carrier as the plug assembly is rotated relative to the lock cylinder body to facilitate selective disengagement of the plurality of racks from the plurality of key followers.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.167/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SECURE CUP SUPPORT FOR BEVERAGE MACHINE

(51) International classification :A47J31/44

(31) Priority Document No :10169201.0

(32) Priority Date :12/07/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/061272

Filing Date :05/07/2011

(87) International Publication No :WO 2012/007313

(61) 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)RITHENER Blaise

2)CAHEN Antoine

(57) Abstract :

A machine (1) for dispensing a beverage (50) has: an outlet (4) for dispensing said beverage;a user recipient support (5) movable within such machine from a position for supporting a smaller user recipient (51) under the outlet to a position for placing a larger user recipient (52) under the outlet; and means for stopping movement of the user recipient support in at least one of said positions. The stopping means comprise a means (57 58) for fastening the user recipient support in said at least one of said positions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.219/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SURGICAL IMPLANT

(51) International classification	:A61F2/44
(31) Priority Document No	:PCT/EP2010/004546
(32) Priority Date	:23/07/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/003715
Filing Date	:25/07/2011
(87) International Publication No	:WO 2012/010327
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRIVELOP SPINE AG
Address of Applicant :Riedenmatt 2 CH 6370 Stans
Switzerland
(72)**Name of Inventor :**
1)KLOSS Henning

(57) Abstract :

The present invention is directed to a surgical implant for the fusion of two adjacent vertebrae with an upper plane for contacting an upper vertebral body and a lower plane for contacting a lower vertebral body and a tubular structure wherein the tubular structure is formed by a plurality of tubes running from the upper plane to the lower plane and in substantially horizontal direction throughout one side of the surgical implant straight to the opposite side of the surgical implant. This tubular structure has the advantage that the formation and ingrowth of new bone is promoted and advantaged and that the degree of formation and ingrowth of new bone is detectable by X ray measurements.

No. of Pages : 76 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.237/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : GLASS ARTICLE COATED WITH AN ENAMEL LAYER

(51) International classification :C03C17/00,C03C17/42,C03C17/04
(31) Priority Document No :BE 2010/0419
(32) Priority Date :09/07/2010
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2011/061489
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AGC GLASS EUROPE

Address of Applicant :Chausse de La Hulpe 166 B 1170
Bruxelles (Watermael Boitsfort) Belgium

(72)Name of Inventor :

1)DEVAUX Thomas

2)PIERRE David

3)PIETERS Ronny

4)VERRAES Franck

(57) Abstract :

The invention relates to an article made of coated glass in particular an article comprising a glass sheet covered with an enamel coating. The glass article of the invention is resistant transport and handling can be used in a twin application and can be tempered i.e. can be heat treated with a view to later tempering same. Specifically the article of the invention includes: (i) at least one glass sheet; (ii) an enamel coating on at least one of the surfaces of the glass sheet; and (iii) at least one wax provided in and/or on said enamel coating.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.169/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LABELED CONTAINERS AND PROCESSES FOR PRODUCING LABELED CONTAINERS

(51) International classification :B29C33/12

(31) Priority Document No :61/399265

(32) Priority Date :09/07/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/001178

Filing Date :05/07/2011

(87) International Publication No :WO 2012/005761

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NESTEC S.A.

Address of Applicant :Avenue Nestle 55 CH 1800 Vevey
Switzerland

2)KURARAY CO. LTD.

(72)Name of Inventor :

1)URUSHIDANI Yukihiro

2)KUROSAKI Kazuhiro

3)TAI Shinji

4)NAKAYA Masakazu

(57) Abstract :

The invention provides novel processes for producing in mold labeled containers and the containers produced using such processes. The processes involve setting a multilayered label having an oxygen barrier layer into a mold and injecting a melted resin suitable for forming a container into the mold. The process forms a container with an oxygen barrier layer. In preferred embodiments the multilayered label has at least an oxygen absorbing resin layer containing ethylene vinyl alcohol copolymer and an oxygen absorbent and the container is retortable.

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.175/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPRAY HEAD FOR A DEVICE FOR DISPENSING A FLUID PRODUCT

(51) International classification :B05B1/34,B05B11/02,B05B11/00

(31) Priority Document No :1055626

(32) Priority Date :09/07/2010

(33) Name of priority country :France

(86) International Application No :PCT/FR2011/051623

Filing Date :07/07/2011

(87) International Publication No :WO 2012/004539

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)APTAR FRANCE SAS

Address of Applicant :Lieudit le Prieur F 27110 Le Neubourg
France

(72)Name of Inventor :

1)HELDT Frdric

2)PARDONGE Jean Marc

3)PETIT Ludovic

(57) Abstract :

A spray head (10) for a fluid dispenser device, said spray head comprising: a hollow body (11) comprising a sleeve (12) that is substantially cylindrical and that extends along a longitudinal axis (A), and an end wall (13) that is substantially radial and that is provided with a spray orifice (15) ; and a spray profile (20) upstream from said spray orifice (15). said spray profile (20) comprising at least one channel (25) that is nonradial and/or non-axial relative to said longitudinal axis (A) ; said head (10). said spray orifice (15), and said spray profile (20) are made as a single piece, said spray profile (20) including a central pin (21). the internal end (22) of said central pin (21), arranged inside said hollow body (11). being of shape that is conical or frustocnical so as to guide the fluid towards said at least one non-radial and/or non-axial channel (25), said internal end (22) forming an outlet valve.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CUTTING ELEMENTS FOR EARTH BORING TOOLS EARTH BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND METHODS OF FORMING CUTTING ELEMENTS FOR EARTH BORING TOOLS

(51) International classification :E21B10/55,E21B10/62,E21B10/42
(31) Priority Document No :61/358323
(32) Priority Date :24/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040166
Filing Date :13/06/2011
(87) International Publication No :WO 2011/162999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BAKER HUGHES INCORPORATED
Address of Applicant :P.O. Box 4740 Houston TX 77210 4740 U.S.A.
(72)Name of Inventor :
1)LYONS Nicholas J.

(57) Abstract :

Cutting elements for use with earth boring tools include a cutting table having a base surface and a substrate having a support surface. An intermediate structure and an adhesion layer extend between the base surface of the cutting table and the support surface of the substrate. Earth boring tools include such cutting elements. Methods for fabricating cutting elements for use with earth boring tools include forming an intermediate structure on and extending from a support surface of a substrate and adhering a cutting table comprising a superabrasive material to the support surface of the substrate.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2013

(21) Application No.243/DELNP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : RUBBER COMPOSITION CONTAINING A MODIFIED ELASTOMER METHOD FOR PREPARING SAME AND TIRE CONTAINING SAME

(51) International classification :C08C19/28,B60C1/00,C08K5/34
(31) Priority Document No :1002963
(32) Priority Date :13/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/061801
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007442
(61) 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 GENERALE DES ETABLISSEMENTS MICHELIN
Address of Applicant :12 cours Sablon F 63000 Clermont Ferrand France
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)Name of Inventor :
1)ARAUJO Jos
2)FAVROT Jean Michel
3)SALIT Anne Frdrique
4)SEEBOTH Nicolas

(57) Abstract :

The invention relates to a rubber composition based on at least one diene elastomer, a reinforcing filler, a chemical crosslinker and a modifier selected from compounds comprising at least one group Q, and at least one group A, which are joined to one another by at least one and preferably one 20 spacer group Sp, wherein: - Q comprises a dipole containing at least one and preferably one nitrogen atom, -A comprises an associative group comprising at least one nitrogen atom, 25 - Sp is an atom or group of atoms forming a bond between Q and A. This composition has an improved balance between stiffiiness under moderate deformations / elongation at break and improved hysteresis properties and is therefore especially suited to the manufacture of tyres for enhancing the trade 30 off between rolling resistance and resistance to large deformations.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1154/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLYPEPTIDES FOR USE IN THE DECONSTRUCTION OF CELLULOSE

(51) International classification :C12P7/10,C12N9/42,C21C1/00
(31) Priority Document No :61/369588
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044074
Filing Date :14/07/2011
(87) International Publication No :WO 2012/015605
(61) 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 REGENTS OF THE UNIVERSITY OF CALIFORNIA
Address of Applicant :1111 Franklin Street 12th Floor
Oakland CA 94607 5200 U.S.A.
2)UNIVERSITY OF MARYLAND BALTIMORE
(72)Name of Inventor :
1)GRAHAM Joel Edward
2)CLARK Melinda E.
3)ROBB Frank Thomas
4)CLARK Douglas S.
5)BLANCH Harvey W.

(57) Abstract :

Hydrolysis and degradation of cellulose containing biomass by use of a polypeptide having cellulase activity is provided. Also provided are polypeptides having cellulase activity such as archaeal cellulases polynucleotides encoding the polypeptides and compositions containing the polypeptides and methods of use thereof.

No. of Pages : 158 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1200/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EASY ENTRY MECHANISM FOR VEHICLE SEATING

(51) International classification :B60N2/12,B60N2/20,B60N2/06	(71)Name of Applicant :
(31) Priority Document No :61/372994	1)JOHNSON CONTROLS TECHNOLOGY COMPANY
(32) Priority Date :12/08/2010	Address of Applicant :915 East 32nd Street Holland Michigan
(33) Name of priority country :U.S.A.	49423 U.S.A.
(86) International Application No:PCT/US2011/047668	(72)Name of Inventor :
Filing Date :12/08/2011	1)LIVESEY Steven
(87) International Publication No:WO 2012/021855	2)PORINSKY Lucas P.
(61) Patent of Addition to	
Application Number :NA	
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

A vehicle seating system includes a seat bottom chassis (38) and a seat back chassis (40) coupled to the seat bottom chassis (38). The vehicle seating system also includes an easy entry mechanism (58) configured to facilitate a rotation of the seat bottom chassis (38) and the seat back chassis (40) about a lateral axis of the vehicle seating system. The easy entry mechanism (58) is also configured to maintain a substantially constant angle between the seat bottom chassis (38) and the seat back chassis during the rotation.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.157/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TEMPERATURE ADJUSTED SPECTROMETER

(51) International classification :G01J3/02,G01J3/28,G01J3/44
(31) Priority Document No :61/366414
(32) Priority Date :21/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043986
Filing Date :14/07/2011
(87) International Publication No :WO 2012/012258
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIRST SOLAR INC.
Address of Applicant :28101 Cedar Park Boulevard
Perryburg OH 43551 U.S.A.
(72)**Name of Inventor :**
1)BECK Markus E.
2)YU Ming Lun

(57) Abstract :

A temperature adjusted spectrometer includes a light source a temperature sensor and a spectral analyzer. The light source is configured to direct light along a light path through a first lens toward a substrate position in the process chamber; the spectral analyzer is configured to receive light scattered from a material sample in sample area on a substrate located at the substrate position in the process chamber; and the temperature measurement device is configured to measure the temperature of a material sample on a substrate located at the substrate position in the process chamber. Further the spectrum is corrected by means the measured temperature by a calibration module to provide a temperature adjusted spectrum.

No. of Pages : 25 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.228/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : KELOID TREATMENT

(51) International classification :A61K38/05,A61K9/10,A61P17/02
(31) Priority Document No :61/359053
(32) Priority Date :28/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050396
Filing Date :28/06/2011
(87) International Publication No :WO 2012/000113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADETHERAPEUTICS
Address of Applicant :2 410 Downey Road Innovation Place
Research Park Saskatoon Saskatchewan S7N 4N1 Canada
(72)Name of Inventor :
1)OBAYAN Adebola O.E.
2)SINGH Sanjeev
3)YUZDEPSKI Brenda Collen Joyce

(57) Abstract :

Due to a long standing interest in scar reduction alanyl glutamine was tested for ability to treat keloid scars despite the difficulties associated with delivering compounds above a certain size threshold across the skin barrier to the dermis where new skin is formed. Surprisingly it was found that a dermal application formulation of alanyl glutamine was effective in reducing the severity and/or preventing the formation of keloid scars.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.245/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOWERING SATURATED FATTY ACID CONTENT OF PLANT SEEDS

(51) International classification :C12N15/53,C12N9/02,C12N1/19
(31) Priority Document No :61/358314
(32) Priority Date :24/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041897
Filing Date :24/06/2011
(87) International Publication No :WO 2011/163632
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.
(72)Name of Inventor :
1)MERLO Ann Owens
2)GACHOTTE Daniel J
3)THOMPSON Mark A.
4)WALSH Terence A.
5)BEVAN Scott

(57) Abstract :

Compositions and methods include genetically encoding and expressing a novel delta 9 desaturase in plant cells. In some embodiments methods of expressing nucleic acids in a plant cell to take advantage of the delta 9 desaturase enzyme s activity such that the percent composition of saturated fatty acids in plant seeds is decreased and there is a concomitant increase in 7 fatty acids. In other embodiments amino acid sequences have delta 9 desaturase activity. Methods can involve expression of delta 9 desaturase in plant cells plant materials and whole plants for the purpose of increasing the amount of unusual fatty acids in whole plants plant seeds and plant materials for example seeds.

No. of Pages : 238 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.196/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRODUCTION OF BIODIESEL BY YEAST FROM LIGNOCELLULOSE AND GLYCEROL

(51) International classification :C12N9/00,C12P7/64,C12N1/16
(31) Priority Document No :61/356344
(32) Priority Date :18/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/060237
Filing Date :20/06/2011
(87) International Publication No :WO 2011/157848
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TECHNICAL UNIVERSITY OF DENMARK
Address of Applicant :Anker Engelunds Vej 1 DK 2800 Kgs.
Lyngby Denmark
(72)Name of Inventor :
1)PHADNAVIS Ambareesh Govind
2)RUHDAL JENSEN Peter

(57) Abstract :

The invention is directed to a genetically modified microorganism for the extracellular production of free fatty acids and esters thereof wherein said microorganism is characterised by a modified lipid biosynthesis metabolic pathway: for example reduced fatty acyl coA synthetase activity that enables the microorganism to overproduce and secrete of esters of fatty acids (Biodiesel) into the surrounding medium using one or more of: glucose starch lignocellulose and a glycerol based substrate as a carbon source. The invention further provides a method for the extracellular production of free fatty acids and esters thereof comprising the use of said genetically modified organism and a growth medium adapted for said method.

No. of Pages : 371 No. of Claims : 15

(54) Title of the invention : PARTICLE COATING PREPARATION

(51) International classification :A61K31/426,A61K9/20,A61K47/10
(31) Priority Document No :2010156874
(32) Priority Date :09/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065721
Filing Date :08/07/2011
(87) International Publication No :WO 2012/005365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TEIJIN PHARMA LIMITED
Address of Applicant :2 1 Kasumigaseki 3 chome Chiyoda ku
Tokyo 1000013 Japan
(72)Name of Inventor :
1)NAKAMURA Kazuhiro
2)OGAWA Teppei
3)AKUTAGAWA Tomoya

(57) Abstract :

Disclosed is a preparation which, in an orally fast-disintegrating tablet having as an active ingredient z-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazole carboxylic acid, causes basically no irritation in the mouth or throat, retains good dissolvability and oral disintegration even when stored under high temperature or high humidity conditions. The disclosed orally fast-disintegrating tablet is formed to contain particles comprising nuclear particles which contain 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazole carboxylic acid, which are covered by a layer containing a methacrylic acid copolymer, and which are further coated with an outer layer containing water-soluble sugars, such that after two weeks of storage under conditions with the cap open at 40°C / 75% RH, a dissolution test performed according to the Japanese Pharmacopoeia Paddle Method at 50 revolutions per minute (test solution: pH6.0McIlvaine buffer) evaluates the dissolution rate of the 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazole carboxylic acid at 70% or greater after 10 minutes.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.211/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE ACTING LOCKWASHER

(51) International classification :F16B39/24,F16B39/282
(31) Priority Document No :1055098
(32) Priority Date :25/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051459
Filing Date :24/06/2011
(87) International Publication No :WO 2011/161387
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NORD LOCK INTERNATIONAL AB
Address of Applicant :J A Wettergrens gata 7 Box 336 S 401
25 Gteborg Sweden
(72)Name of Inventor :
1)DELCHER Christophe

(57) Abstract :

The invention relates to a locking washer which is to be inserted between a bearing element (38) and a screwable element (42) and which includes two washer crowns (12, 14), each of which has an engagement face (22, 24). Said washer crowns (12, 14) which engage with one another and are maintained compressed under axial pressure between said screwable 10 element (42) and said bearing element (38) are capable, when said screwable element is unscrewed, of rotatably engaging with said screwable element (42), and said bearing element (38), respectively, so as to rotate said washer crowns (12, 14) relative to one another, in order to rotatably lock said screwable element (42). According to the invention, said locking washer 15 presents a shape of a truncated cone, and said locking washer (10) is elastically deformable in order to be able to be flattened, forming a spring, such that said axial pressure is maintained substantially constant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2013

(21) Application No.256/DELNP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : CATALYTIC PROCESSES AND SYSTEMS FOR BASE OIL PRODUCTION FROM HEAVY FEEDSTOCK

(51) International classification :C10G45/58,B01J29/06,C10G65/00
(31) Priority Document No :61/359717
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041803
Filing Date :24/06/2011
(87) International Publication No :WO 2012/005980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHEVRON U.S.A. INC.
Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.
(72)Name of Inventor :
1)KRISHNA Kamala
2)LEI Guan Dao

(57) Abstract :

Processes and catalyst systems are provided for dewaxing a heavy hydrocarbon feedstock to form a lubricant base oil. A layered catalyst system of the present invention may comprise a first hydroisomerization dewaxing catalyst disposed upstream from a second hydroisomerization dewaxing catalyst. Each of the first and second hydroisomerization dewaxing catalysts may be selective for the isomerization of n paraffins. The first hydroisomerization catalyst has a first level of selectivity for the isomerization of n paraffins the second hydroisomerization dewaxing catalyst has a second level of selectivity for the isomerization of n paraffins and a layered catalyst system comprising the first and second hydroisomerization dewaxing catalysts has a third level of selectivity for the isomerization of n paraffins. The third level of selectivity may be higher than each of the first level of selectivity and the second level of selectivity.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.180/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTI MODE COMMUNICATIONS SYSTEM

(51) International classification :H04W88/04,H04L12/28
(31) Priority Document No :12/841530
(32) Priority Date :22/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041798
Filing Date :24/06/2011
(87) International Publication No :WO 2012/012095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HARRIS CORPORATION
Address of Applicant :1025 W. NASA Blvd. MS A 11I
Melbourne Florida 32919 U.S.A.
(72)**Name of Inventor :**
1)BEGHINI Kenneth P.
2)VAN NESS Eric
3)MARTZ Donald R.
4)HINTERBERGER David

(57) Abstract :

A communications device includes a first radio (106 300) configured to support wireless communications with a second radio (104) using a plurality of communications modes. The device includes a switch element (118 326) configured to cause the first radio to transmit when actuated. The device also includes a control element (306 324) for detecting one or more actuations of the switch element and configured to select a one of the plurality of communications modes based on a sequence of the actuations of the switch element detected by the control element during a pre defined time interval and to cause a wireless transmission from the first radio to the second radio according to the one of the plurality of communications modes.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.207/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ACCUMULATION OF OMEGA 7 FATTY ACIDS IN PLANT SEEDS

(51) International classification :C12N15/53,C12N9/02,C12N15/82
(31) Priority Document No :61/358318
(32) Priority Date :24/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041759
Filing Date :24/06/2011
(87) International Publication No :WO 2011/163557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.
2)BROOKHAVEN SCIENCE ASSOCIATES LLC
(72)Name of Inventor :
1)SHANKLIN John
2)NGUYEN Tam Huu
3)WALSH Terence A.
4)PIDKOWICH Mark S.
5)WHITTLE Edward J.

(57) Abstract :

Compositions and methods include genetically encoding and expressing a novel 18:0 ACP desaturase in plant cells. In some embodiments nucleic acid molecules encode the novel 18:0 ACP desaturase. In other embodiments amino acid sequences have 18:0 ACP desaturase activity. Methods can involve expression of 18:0 ACP desaturase in plant cells plant materials and whole plants for the purpose of increasing the amount of unusual fatty acids in whole plants plant seeds and plant materials for example seeds.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.217/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMPROVED BITRATE DISTRIBUTION

(51) International classification :H04N7/26,H04N7/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/060949
Filing Date :28/07/2010
(87) International Publication No :WO 2012/013226
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)Name of Inventor :
1)CHEN Li
2)BOCK Alois Martin
3)HORTON David

(57) Abstract :

There is provided a method of processing video information the method comprising encoding (430) received video information the encoded video information having an encoded video bitrate (330) wherein the encoded video bitrate is variable in response to the complexity of the received video information. The method further comprises buffering (440) the encoded video information in a buffer (145) wherein the size of the buffer (145) is controlled in response to the complexity of the received video information.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.255/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STARTUP PROCEDURES FOR IONIC LIQUID CATALYZED HYDROCARBON CONVERSION PROCESSES

(51) International classification :C07C2/58,C07C7/04,C10G50/00
(31) Priority Document No :12/825121
(32) Priority Date :28/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037963
Filing Date :25/05/2011
(87) International Publication No :WO 2012/009050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHEVRON U.S.A. INC.
Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.
(72)Name of Inventor :
1)TIMKEN Hye Kyung
2)LACHEEN Howard S.
3)WINTER Shawn S.

(57) Abstract :

Methods for starting and operating ionic liquid catalyzed hydrocarbon conversion processes and systems to provide maximum process efficiency system reliability and equipment longevity may include: purging air and free water from at least a portion of the system; introducing at least one reactant into the at least a portion of the system; and re circulating the at least one reactant through the at least a portion of the system via at least one feed dryer unit until the at least one reactant exiting the at least a portion of the system has a water content at or below a threshold value prior to the introduction of an ionic liquid catalyst and/or additional reactant(s) and feeds into the system.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.268/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EXPANDABLE IMPLANT

(51) International classification	:A61F2/44
(31) Priority Document No	:61/372219
(32) Priority Date	:10/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058343
Filing Date	:30/11/2010
(87) International Publication No	:WO 2012/021148
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SYNTHES USA LLC
Address of Applicant :1302 Wrights Lane East West Chester
PA 19380 U.S.A.
2)SYNTHES GMBH
(72)**Name of Inventor :**
1)FRIGG Robert

(57) Abstract :

An expandable portion of an implant has a total volume and includes a plurality of chambers each having a volume less than the total volume. At least one of the chambers includes a biocompatible media which is liquid at room temperature. The at least one chamber is closed so that by increasing the temperature of the liquid the pressure in the chamber increases.

No. of Pages : 52 No. of Claims : 56

(54) Title of the invention : METHOD AND SYSTEM FOR SYNCHRONOUSLY DRIVING LIGHT-DISPERSING ELEMENTS, AND DETECTOR FOR CHROMATOGRAPH

(51) International classification :G01J3/28
 (31) Priority Document No :2011-120025
 (32) Priority Date :30/05/2011
 (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 :

1)SHIMADZU CORPORATION

Address of Applicant :1, NISHINOKYO-KUWAHARA-CHO, NAKAGYO-KU, KYOTO-SHI, KYOTO, 6048511, JAPAN

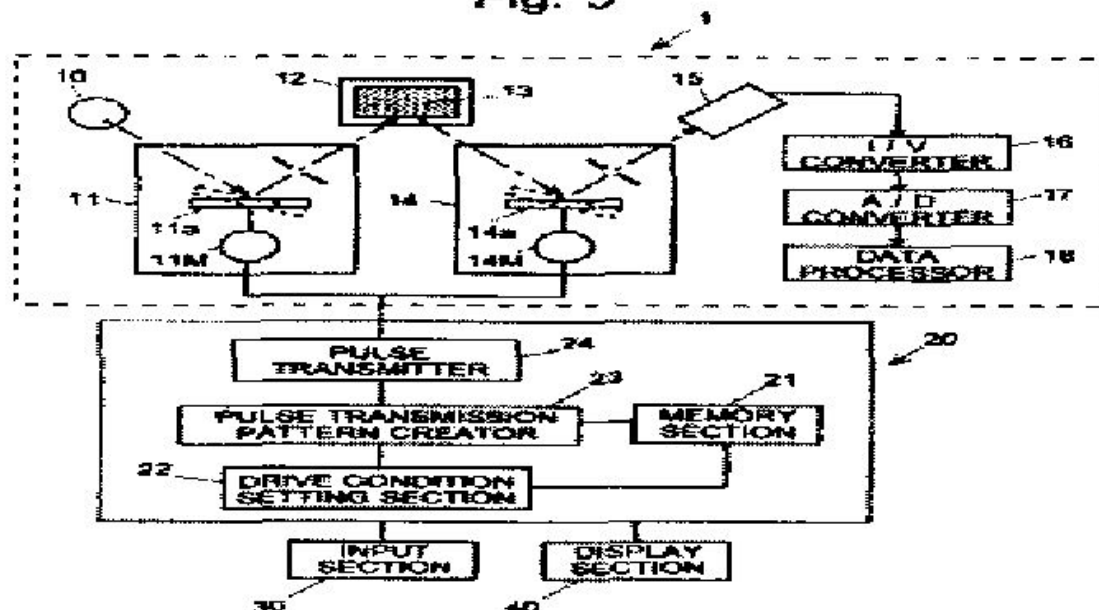
(72)Name of Inventor :

1)MINATO, HIROYUKI

(57) Abstract :

Provided is a system for synchronously driving first and second light-dispersing elements by using first and second pulse motors including: a memory for storing light-dispersing element information relating to a change in the wavelength of the monochromatic light and the dynamic characteristics information of the pulse motors; device for allowing an operator to set synchronous drive conditions; device for creating a first pulse transmission pattern for transmitting a first pulse number of pulses within a first pulse transmission time, based on the first light-dispersing element information, the pulse rate within the start/stop region or slew range of the first pulse motor, and the synchronous drive conditions, and for creating a second pulse transmission pattern for transmitting a second pulse number of pulses within the first pulse transmission time; and device for transmitting pulses to the first and second pulse motors, based on the first and second pulse transmission patterns.

Fig. 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.225/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SELF DETACHING LAYER FOR EASY IMPLANT REMOVAL

(51) International classification:A61F2/30,A61B17/72,A61B17/80

(31) Priority Document No :61/362923

(32) Priority Date :09/07/2010

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/US2011/043048

Filing Date :06/07/2011

(87) International Publication
No :WO 2012/006334

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SYNTHES USA LLC

Address of Applicant :1302 Wrights Lane East West Chester
Pennsylvania 19380 U.S.A.

2)SYNTHES GMBH

(72)Name of Inventor :

1)THORWARTH Goetz

2)VOISARD Cyril

(57) Abstract :

A bone implant includes (a) a first layer provided over a first outer surface of the bone implant and being formed of a first material which is one of water soluble and degradable in body fluids the first layer having a first thickness and (b) a second layer provided over an outer periphery of the first layer and being formed of a biocompatible material the second layer having a second thickness smaller than the first thickness. This arrangement facilitates removal of the implant.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INFLATABLE ARTICLE PROVIDED WITH GAS IMPERMEABLE LAYER BASED ON A BLEND OF A BUTYL RUBBER AND A THERMOPLASTIC ELASTOMER

(51) International classification :B60C1/00,B60C5/14,C08L53/00
(31) Priority Document No :1055593
(32) Priority Date :09/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/061480
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004332
(61) 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 GENERALE DES ETABLISSEMENTS MICHELIN
Address of Applicant :12 cours Sablon F 63000 Clermont Ferrand France
2)Michelin Recherche et Technique S.A.
(72)Name of Inventor :
1)CUSTODERO Emmanuel
2)GREIVELDINGER Marc
3)GUERY Cyrille

(57) Abstract :

The invention relates to an inflatable article provided with an elastomer layer impermeable to the inflation gases, said elastomer layer of which comprises at least one rubber composition comprising, as nonthermoplastic elastomer, at least one butyl rubber, used alone, or blended with one or more other non-thermoplastic (preferably diene) elastomers, a crosslinking System, optionally a reinforcing filler having a content within the range from 0 to 120 phr and a thermoplastic polyisobutylene block elastomer, the content of which is within the range from 3 to 80 parts by weight per one hundred parts of nonthermoplastic elastomer.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLAME RETARDANT INSULATED ELECTRICAL WIRE

(51) International classification :C08K5/00,C08K5/3492,C08K5/52
(31) Priority Document No :10170009.4
(32) Priority Date :19/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061754
Filing Date :11/07/2011
(87) International Publication No :WO 2012/010453
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
Netherlands
(72)Name of Inventor :
1)SCHMIDT Angelika

(57) Abstract :

An insulated wire comprising an electrical conductive core and an insulating layer of a polymer composition surrounding the electrically conductive core which polymer compositions contains: (A) a metal salt of a phosphinic acid and/or a diphosphinic acid and or a polymer thereof (B) ammoniumpolyphosphate (C) an oligomer or a polymer of a triazine derivative.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR MODULATING THE WNT SIGNALING PATHWAY

(51) International classification :C07D213/56,C07D237/08,C07D279/12
(31) Priority Document No :61/359569
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042215
Filing Date :28/06/2011
(87) International Publication No :WO 2012/003189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)IRM LLC

Address of Applicant :131 Front Street P.O. Box HM 2899
Hamilton HM LX Bermuda

2)NOVARTIS AG

(72)Name of Inventor :

1)CHENG Dai

2)ZHANG Guobao

3)HAN Dong

4)GAO Wenqi

5)PAN Shifeng

6)SHEN Lichun

7)LELETI Rajender Reddy

(57) Abstract :

The present invention relates to compositions and methods for modulating the Wnt signaling pathway, using compounds having Formula (1) and (3): wherein A, B, Y and Z all represent rings, and R1, R2, R3 are as defined herein.

No. of Pages : 152 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1017/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FUNCTION EXPANSION METHOD USING PRINT DATA AND FUNCTION EXPANSION DEVICE

(51) International classification :G06F3/12
(31) Priority Document No :2011040165
(32) Priority Date :25/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054683
Filing Date :20/02/2012
(87) International Publication No :WO 2012/115257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
Tokyo 1630811 Japan
(72)**Name of Inventor :**
1)TAKAMOTO Akio

(57) Abstract :

A method of expanding the function of an application in a computer that operates under an operating system and executes specific processes by an application the method has a step that acquires print data that is output from the application to a driver before the print data is received by the driver and sends it to a communication port; a step that acquires and relays the transmitted print data or the print data that is output from the application to the communication port before the print data is received by the communication port; and a step that expands the function of the relayed print data on the application layer and outputs the processed data to a communication port.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1039/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROPYLENE RESIN MULTI LAYER SHEET AND PACKAGING BODY FOR HEAT TREATMENT USING SAME

(51) International classification :B32B27/32,B65D30/02,B65D65/40
(31) Priority Document No :2010205708
(32) Priority Date :14/09/2010
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/070459
Filing Date :08/09/2011
(87) International Publication No :WO 2012/036063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Japan Polypropylene Corporation
Address of Applicant :14 1 Shiba 4 chome Minato ku Tokyo 1080014 Japan
(72)Name of Inventor :
1)KANAI Gen
2)KADOWAKI Yuji

(57) Abstract :

Provided are a propylene resin multi-layer sheet and a packaging body for heat treatment which have excellent characteristics such as transparency, flexibility, and impact resistance at very low temperatures; reduced thickness fluctuation during laminating; reduced interface roughness and other appearance defects; and improved reduction in thickness during secondary processing. A propylene resin multi-layer sheet having at least two layers comprising an inner layer (1) and an outer layer (2), wherein the inner layer (1) comprises a resin composition containing 40-89 wt% of a specific propylene resin composition (A), 10-40 wt% of a specific ethylene- α -olefin copolymer (B), and 120 wt% of a specific propylene resin (C); and the outer layer (2) comprises a specific propylene resin composition.

No. of Pages : 92 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2013

(21) Application No.236/DELNP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : RING FUSED 4 AMINOPYRIMIDINES AND USE THEREOF AS STIMULATORS OF SOLUABLE GUANYLATE CYCLASES

(51) International classification :C07D519/00,A61K31/437,A61P9/00
(31) Priority Document No :102010031148.0
(32) Priority Date :09/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061306
Filing Date :05/07/2011
(87) International Publication No :WO 2012/004259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Strasse 10 40789
Monheim Germany
(72)Name of Inventor :
1)FOLLMANN Markus
2)STASCH Johannes Peter
3)REDLICH Gorden
4)ACKERSTAFF Jens
5)GRIEBENOW Nils
6)KNORR Andreas
7)WUNDER Frank
8)LI Volkhart Min Jian

(57) Abstract :

The present application relates to novel fused 4-aminopyrimidines, to processes for preparation thereof, to the use thereof, alone or in combinations, for treatment and/or prophylaxis of diseases 5 and to the use thereof for production of medicaments for the treatment and/or prophylaxis of diseases, especially for treatment and/or prophylaxis of cardiovascular disorders.

No. of Pages : 68 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.607/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PCR BASED DNA TEST FOR THE DIFFERENTIATION OF CATTLE AND BUFFALO MEAT AND MILK.

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF
(33) Name of priority country	:NA	AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KATARIA RANJIT SINGH
(61) Patent of Addition to Application Number	:NA	2)DUBEY PRAVEEN KUMAR
Filing Date	:NA	3)NIRANJAN SAKET KUMAR
(62) Divisional to Application Number	:NA	4)SODHI MONIKA
Filing Date	:NA	

(57) Abstract :

The invention is able to differentiate genomic DNA of cattle and buffalo origin utilizing the size differentiation as well as positive negative amplification of PCR amplified products from single set of primers simply by agarose gel electrophoresis. This technology is already optimized and superior in terms of reliability, since it further confirms the origin of samples to be assured using second set of primers capable of giving positive or negative test also. The technology is based on variation due to insertions/deletions between cattle and buffalo genomic sequence of a specific region and not a single nucleotide variation based exploited by previous workers. Hence, there is no possibility of getting false positive or negative results due to reversion. The technology developed is novel, simple, easy to adopt and cost effective as compared to costlier and cumbersome techniques of PCR-RFLP, sequencing, real-time PCR and Snapshot utilized by other workers. The invention can be utilized for differentiating cattle and buffalo milk and meat samples and will be useful in detection of adulterant mixing of both as well as vetro-legal cases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HYDROCRACKING CATALYST FOR HYDROCARBON OIL METHOD FOR PRODUCING HYDROCRACKING CATALYST AND METHOD FOR HYDROCRACKING HYDROCARBON OIL WITH HYDROCRACKING CATALYST

		(71)Name of Applicant :
		1)SAUDI ARABIAN OIL COMPANY
		Address of Applicant :Box 5000 Dharan 31311 Saudi Arabia
		2)JGC CATALYSTS AND CHEMICALS LTD.
		3)JAPAN COOPERATION CENTER PETROLEUM
		(72)Name of Inventor :
		1)KOSEOGLU Omer Refa
		2)AL HAJJI Adnan
		3)AL SOMALI Ali Mahmood
		4)AL ABDULAL Ali H.
		5)AL THUKAIR Mishaal
		6)USHIO Masaru
		7)KURODA Ryuzo
		8)KAMEOKA Takashi
		9)NAKANO Kouji
		10)TAKAMORI Yuuichi
(51) International classification	:B01J29/06	
(31) Priority Document No	:2010173665	
(32) Priority Date	:02/08/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/US2011/046272	
Filing Date	:02/08/2011	
(87) International Publication No	:WO 2012/018819	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a hydrocracking catalyst for hydrocarbon oil comprising a support containing a framework substituted zeolite I in which zirconium atoms and/or hafnium atoms form a part of a framework of an ultrastable Y type zeolite and a hydrogenative metal component carried thereon and a method for producing the same. The hydrocracking catalyst of the present invention makes it easy to diffuse heavy hydrocarbon oils such as VGO DAO and the like into mesopores is improved in a cracking activity and makes it possible to obtain a middle distillate at a high yield as compared with catalysts prepared by using zeolite comprising titanium and/or zirconium carried thereon.

No. of Pages : 97 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.270/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISTRIBUTED COMBUSTION PROCESS AND BURNER

(51) International classification	:F23D14/20,F23D14/32	(71)Name of Applicant :
(31) Priority Document No	:61/363627	1)LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE
(32) Priority Date	:12/07/2010	ET LEXPLOITATION DES PROCEDES GEORGES
(33) Name of priority country	:U.S.A.	CLAUDE
(86) International Application No	:PCT/US2011/043689	Address of Applicant :75 quai dOrsay F 75007 Paris France
Filing Date	:12/07/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/009343	1)GAUTAM Vivek
(61) Patent of Addition to Application	:NA	2)PRABHAKAR Rajeev S.
Number	:NA	3)TSIAVA Remi Pierre
Filing Date	:NA	4)MORTBERG Magnus
(62) Divisional to Application Number	:NA	5)GRAND Benoit
Filing Date	:NA	6)LEROUX Bertrand

(57) Abstract :

During a heating phase injection of a jet of fuel and oxidant (fuel annularly enshrouding oxidant or oxidant annularly enshrouding fuel) from a fuel oxidant nozzle is combusted in a combustion space. During a transition from the heating phase to a distributed combustion phase an amount of a secondary portion of either the fuel or oxidant is injected as a jet into the combustion space while the primary portion of that same reactant from the fuel oxidant nozzle is decreased. At some point during the transition phase a jet of actuating fluid is injected at an angle towards the jet of reactants from the fuel oxidant nozzle and/or towards the jet of the secondary portion of reactant. The jet of primary portions of reactants and/or secondary portion of reactant is caused to be bent/deviated towards the other of the two jets. The staging of the secondary portion of reactant is increased until a desired degree of staging and commencement of a distributed combustion phase are achieved.

No. of Pages : 77 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2013

(21) Application No.277/DELNP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : IP RECEPTOR AGONIST HETEROCYCLIC COMPOUNDS

(51) International classification :C07D471/04,A61K31/4375,A61P9/00
(31) Priority Document No :61/364135
(32) Priority Date :14/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/062028
Filing Date :14/07/2011
(87) International Publication No :WO 2012/007539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 CH 4056 Basel
Switzerland
(72)Name of Inventor :
1)CHARLTON Steven John
2)LEBLANC Catherine
3)MCKEOWN Stephen Carl

(57) Abstract :

The present invention provides heterocyclic derivatives which activate the IP receptor. Activating the IP receptor signaling pathway is useful to treat many forms of PAH pulmonary fibrosis and exert beneficial effects in fibrotic conditions of various organs in animal models and in patients. Pharmaceutical compositions comprising such derivatives are also encompassed.

No. of Pages : 181 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.622/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTIPLEX REAL TIME PCR TESTING KIT FOR THE SIMULTANEOUS DETECTION OF HEPATITIS VIRUS

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF MEDICAL
(33) Name of priority country	:NA	RESEARCH V. RAMALINGASWAMI BHAWAN, ANSARI
(86) International Application No	:NA	NAGAR NEW DELHI-110029 India
Filing Date	:NA	2)KING GEORGE'S MEDICAL UNIVERSITY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AMITA JAIN
Filing Date	:NA	2)SHANTANU PRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Primers and probes for the detection of Hepatitis B virus in a sample, comprising: a) a nucleic acid molecule that encodes a nucleotide sequence of SEQ ID NO: 1 or a part of it or a nucleotide having at least 90% sequence identity with said SEQ ID NO: 1, wherein said nucleotide sequence of SEQ ID NO: 1 represents forward primer to amplify hepatitis B virus; b) a nucleic acid molecule that encodes a nucleotide sequence of SEQ ID NO: 2 or a part of it or a nucleotide having at least 90% sequence identity with said SEQ ID NO:2, wherein said nucleotide sequence of SEQ ID NO: 2 represents reverse primer to amplify hepatitis B virus; c)a nucleic acid molecule that encodes a nucleotide sequence of SEQ ID NO: 3 or a part of it or a nucleotide having at least 90% sequence identity with said SEQ ID NO:3, wherein said nucleotide sequence of SEQ ID NO: 3 represents probes to detect hepatitis B virus.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.149/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INSULATOR AND STATOR AND MOTOR PROVIDED WITH SAME

(51) International classification :H02K9/19,H02K3/34
(31) Priority Document No :2011077597
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057745
Filing Date :26/03/2012
(87) International Publication No :WO 2012/133302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KOMATSU LTD.
Address of Applicant :2 3 6 Akasaka Minato ku Tokyo
1078414 Japan
(72)Name of Inventor :
1)KIMURA Takaaki
2)SUGIMOTO Yukihiro
3)KAWAI Ryou

(57) Abstract :

In the present invention, an insulator (21) is provided with a main section (21b), locking sections (21a), and an opening section S). The main section (21b) covers parts of a stator core (20) wrapped by coils (23), insulating the stator core (20) and the coils (23). The locking sections (21a) are disposed at the end of the part of the main section (21b) wrapped by the coils (23), locking the coils (23) onto the main section (21b). The opening section (S) is formed so as to expose the coils (23) to a portion of the locking sections (21a) on the side of the coils (23) to which cooling oil is supplied to cool the coils (23).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2013

(21) Application No.158/DELNP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : CATALYST COMPRISING PLATINUM AND GOLD NANO PARTICLES AND ITS USE FOR OXIDATION OF GLUCOSE AND PREPARATION METHOD OF SUCH A CATALYST

(51) International classification :B01J21/06,B01J21/08,B01J23/52
(31) Priority Document No :12/814188
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060143
Filing Date :13/12/2010
(87) International Publication No :WO 2011/155964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RENNOVIA INC.
Address of Applicant :1080 Hamilton Avenue Menlo Park
California 94025 U.S.A.
(72)Name of Inventor :
1)MURPHY Vincent J.
2)SHOEMAKER James
3)ZHU Guang
4)ARCHER Raymond
5)SALEM George Frederick
6)DIAS Eric L.

(57) Abstract :

Disclosed are catalysts comprised of platinum and gold. The catalysts are generally useful for the selective oxidation of compositions comprised of a primary alcohol group and at least one secondary alcohol group wherein at least the primary alcohol group is converted to a carboxyl group. More particularly the catalysts are supported catalysts including particles comprising gold and particles comprising platinum wherein the molar ratio of platinum to gold is in the range of about 100:1 to about 1:4 the platinum is essentially present as Pt(0) and the platinum containing particles are of a size in the range of about 2 to about 50 nm. Also disclosed are methods for the oxidative chemocatalytic conversion of carbohydrates to carboxylic acids or derivatives thereof. Additionally methods are disclosed for the selective oxidation of glucose to glucaric acid or derivatives thereof using catalysts comprising platinum and gold. Further methods are disclosed for the production of such catalysts.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.253/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POTTY TRAINING DEVICE HAVING A RETRACTABLE TARGET

(51) International classification :A47K13/24,A47K13/06,E03D11/13
(31) Priority Document No :12/825711
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000773
Filing Date :13/06/2011
(87) International Publication No :WO 2012/000100
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GIARD Louise
Address of Applicant :106 3591 Gouin E. Montreal Quebec
H1H 5V7 Canada
(72)Name of Inventor :
1)GIARD Louise

(57) Abstract :

A potty training device for use on toilets has a target releasably attached to a bent rod which is pivotally attached to a clamping means. The clamping means clamps onto a rim of a bowl. When an annular seat is lowered it depresses a button which pivots the rod from the center of the bowl towards its side. When the annular seat is raised the button is released and the rod rotates so as to bring the target towards the center of the bowl.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THERMOPLASTIC JOUNCE BUMPERS

(51) International classification	:F16F1/373,F16F1/42	(71)Name of Applicant :
(31) Priority Document No	:61/372990	1)E. I. du Pont de Nemours and Company
(32) Priority Date	:12/08/2010	Address of Applicant :1007 Market Street Wilmington DE
(33) Name of priority country	:U.S.A.	19898 U.S.A.
(86) International Application No	:PCT/US2011/047251	(72)Name of Inventor :
Filing Date	:10/08/2011	1)SZEKELY Peter Laszlo
(87) International Publication No	:WO 2012/021619	2)VAN DER ZYPPE Damien
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides vehicle suspension systems and more particularly jounce bumpers made of elastomeric thermoplastic material having improved design to maximize energy absorption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.625/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN ECOLOGICAL SANTITATION TOILET PAN

(51) International classification	:A26B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI-110016,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHARIAR, VIJAYARAGHAVAN, M.
(87) International Publication No	: NA	2)SAKTHIVEL, S. RAMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel ecological sanitation toilet pan (1) for urine diverting dehydration toilets, said device comprising of a drop-hole for faeces collection in the tank provided beneath it (2); a urine collection area (9); a wash water disposal bowl attached beneath the drop-hole (3); wherein a lever arrangement (6) assists in opening or closing the drop-hole (2) with the help of wash water disposal bowl (3) enabling disposal of ablution water in the closed position after defecation, the said pan being illustrated by figure 1 below.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.170/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PACKAGE FOR STACKED PRODUCT PIECES HAVING A PATTERN OF SEVERABLE LOCATIONS

(51) International classification	:B65D75/58
(31) Priority Document No	:61/362867
(32) Priority Date	:09/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/043149
Filing Date	:07/07/2011
(87) International Publication No	:WO 2012/006401
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KRAFT FOODS GLOBAL BRANDS LLC
Address of Applicant :Three Lakes Drive Northfield IL 60093 U.S.A.
2)SONOCO DEVELOPMENT INC.
(72)**Name of Inventor :**
1)CONLON Julie
2)MCARTHUR Donald
3)DAVIS Benjamin

(57) Abstract :

A package supports and dispenses one or more longitudinally stacked product pieces (18). The package includes a sheet positioned around the stacked product pieces. The sheet includes a plurality of longitudinally spaced weakened locations (120) extending transversely thereabout. The weakened locations include a pair of weakened extents (125) which are closely longitudinally spaced. Each weakened location defines a severable location for the sheet to permit dispensing of the product from the package.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.176/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR DISPENSING A FLUID PRODUCT COMPRISING A SPRAY HEAD

(51) International classification :B05B1/34,B05B11/02,B05B11/00

(31) Priority Document No :1055626

(32) Priority Date :09/07/2010

(33) Name of priority country :France

(86) International Application No :PCT/FR2011/051625

Filing Date :07/07/2011

(87) International Publication No :WO 2012/004541

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)APTAR FRANCE SAS

Address of Applicant :Lieudit le Prieur F 27110 Le Neubourg
France

(72)Name of Inventor :

1)HELDT Frdric

(57) Abstract :

A device for dispensing a fluid product (1), comprising a reservoir (2), means for dispensing the product contained in said reservoir, and a spray head (10), said spray head comprising a hollow body (11) comprising an approximately cylindrical sleeve (12) that extends along a longitudinal axis (A), and an approximately radial end wall (13) which is provided with a spray orifice (15), and a spray profile (20) upstream of said spray orifice (15), said spray profile (20) comprising at least one non-radial and/or non-axial duct (25) with respect to said longitudinal axis (A), said reservoir (2), said spray head (10), said spray orifice (15) and said spray profile (20) being produced in the form of a single one-piece part.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.233/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EDGE FINISHING APPARATUS

(51) International classification :B24B1/00,B24B9/06,B24B21/00
(31) Priority Document No :61/362969
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043321
Filing Date :08/07/2011
(87) International Publication No :WO 2012/006504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CORNING INCORPORATED
Address of Applicant :1 Riverfront Plaza Corning New York
14831 U.S.A.
(72)Name of Inventor :
1)DARCANGELO Charles Michael
2)DEMARTINO Steven Edward
3)SHOREY Aric Bruce
4)STRONG Daniel Duane
5)TAMMARO David Alan
6)VADDI Butchi Reddy

(57) Abstract :

An edge finishing apparatus includes a surface a fluid delivery device configured to deliver at least one magneto rheo logical polishing fluid (MPF) ribbon to the at least one well at least one magnet placed adjacent to the surface to selectively apply a magnetic field in a vicinity of the surface and at least one holder placed in opposing relation to the surface the at least one holder being configured to support at least one article such that an edge of the at least one article can be selectively immersed in the MPF ribbon delivered to the at least one well.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.244/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE PROCESSING DEVICE IMAGE PROCESSING METHOD AND PROGRAM

(51) International classification :H04N7/30
(31) Priority Document No :2010162279
(32) Priority Date :16/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065735
Filing Date :08/07/2011
(87) International Publication No :WO 2012/008389
(61) 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)KONDO Kenji

(57) Abstract :

Disclosed are an image processing device, image processing method, and program that can reduce the amount of processing required for a ROT and a DCT or an inverse DCT and an inverse ROT. By inverse-quantizing image information obtained by decoding an encoded image, low-frequency components of said image information, obtained via a first orthogonal transformation unit, and high-frequency components of said image information, obtained via a second orthogonal transformation unit, are obtained. Said high-frequency components are higher in frequency than said low-frequency components. Said low-frequency components and high-frequency components are then subjected to an inverse orthogonal transformation via a similar technique. This technology can be applied, for example, to image encoding and decoding.

No. of Pages : 81 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THREAD CONTROL DEVICE FOR SEWING MACHINE

(51) International classification	:B21G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAULIN MFG. CO., LTD.
(32) Priority Date	:NA	Address of Applicant :11F., NO. 128, SEC. 3, MINSHENG E.
(33) Name of priority country	:NA	RD., SONGSHAN DISTRICT, TAIPEI CITY, TAIWAN (R.O.C)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PEI-CHIA LIN
(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 thread control device for sewing machines includes a thread guide (10), a thread tensioner (20), a swing arm (30) and a double-acting driver (40). The thread guide (10) is fixed to the machine body (81) and includes a push rod (18). The thread tensioner (20) includes a moving part (22). The swing arm (30) is pivotally coupled to the machine body (81) and has a corresponding moving part (22) formed at an end for actuating a lever (33). The double-acting driver (40) includes a main body (41) fixed to the machine body (81) and a driving rod (42) passed and coupled to the main body (41). The driving rod (42) can be moved coaxially with respect to the main body (41) and linearly in two different directions. The driving rod (42) actuates the corresponding push rod (18) and is coupled to the other end of the swing arm (30), so as to achieve the effects of loosening the thread at a stop and tensioning the thread at a start, and preventing the thread from breaking or falling out.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.152/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEHYDRATED PULP SLURRY AND METHOD OF MAKING

(51) International classification	:A23L2/02
(31) Priority Document No	:12/820535
(32) Priority Date	:22/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/040254
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/163003
(61) 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 COCA COLA COMPANY
Address of Applicant :One Coca Cola Plaza NW Atlanta GA
30313 U.S.A.
(72)Name of Inventor :
1)WANG James J.
2)BIPPERT Douglas A.

(57) Abstract :

The present invention relates to a process for making a dehydrated pulp slurry comprising the steps of de sugaring a pulp slurry said de sugaring process producing a pulp slurry with substantially no sugar content and dehydrating said pulp slurry. The dehydrated pulp slurry produced by this process is such that when reconstituted the color shape and texture of the pulp contained therein is substantially the same as it was prior to undergoing the dehydrating step.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.189/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MODIFIED CATALYST SUPPORTS

(51) International classification :C08F4/02,C08F4/6592,C08F210/00

(31) Priority Document No :10172815.2

(32) Priority Date :13/08/2010

(33) Name of priority country:EPO

(86) International Application No :PCT/EP2011/064093

Filing Date :16/08/2011

(87) International Publication No :WO 2012/020145

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TOTAL RESEARCH & TECHNOLOGY FELUY

Address of Applicant :Zone Industrielle C B 7181 Seneffe
Belgium

(72)Name of Inventor :

1)WILLOCQ Christopher

2)VANTOMME Aurlien

3)SLAWINSKI Martine

(57) Abstract :

A supported catalyst system comprising a coprecipitated silica and titania containing support comprising alumoxane as acatalyst activating agent and a metallocene wherein the supported catalyst system has a Ti content of at least 0.1wt%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.194/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MODELING OF PHARMACEUTICAL PROPAGATION AND PARAMETER GENERATION FOR INJECTION PROTOCOLS

(51) International classification	:A61K49/04
(31) Priority Document No	:61/358400
(32) Priority Date	:24/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/041802
Filing Date	:24/06/2011
(87) International Publication No	:WO 2011/163578
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDRAD INC.

Address of Applicant :One Medrad Drive Indianola PA 15051
U.S.A.

(72)Name of Inventor :

1)KALAFUT John F.

(57) Abstract :

A system includes a parameter generation system to determine at least one parameter for an injection procedure (for example a parameter of an injection protocol or an imaging system parameter) the parameter generator system includes a physiologically based pharmacokinetic model to model propagation of a contrast medium injected into a patient including at least one of a non linear saturation term in a peripheral venous compartment at least one configurable transport delay term through at least one compartment or an adaptation to model volumetric flow rate of blood and an effect thereof on the propagation of contrast medium after injection of contrast medium ceases. The physiologically based pharmacokinetic model can for example be discretizable.

No. of Pages : 135 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.235/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RAIL VEHICLE EMERGENCY LIGHTING

(51) International classification	:B60Q3/02,H05B33/08,H02J9/00	(71)Name of Applicant :
(31) Priority Document No	:A1020/2010	1)SIEMENS AG –STERREICH
(32) Priority Date	:21/06/2010	Address of Applicant :Siemensstrae 90 A 1210 Wien Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/058168	1)AMBROZ Anton
Filing Date	:19/05/2011	2)ULREICH Klaus
(87) International Publication No	:WO 2011/160903	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to rail vehicle emergency lighting for a rail vehicle comprising a main lighting unit composed of light emitting diodes wherein when the main light power supply (HL) is active all the luminous elements of the main lighting unit are illuminated with a main light intensity (HLS) and when the main light power supply (HL) is absent all the luminous elements of the main lighting unit are illuminated with an emergency light intensity (NLS).

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.272/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PHOSPHATE FREE ORAL CARE COMPOSITIONS BASED ON MAGNOLIA ANTIBACTERIAL AGENT

(51) International classification :A61K8/27,A61K8/34,A61K8/97
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/043645
Filing Date :29/07/2010
(87) International Publication No:WO 2012/015408
(61) 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
Address of Applicant :300 Park Avenue New York New York
10022 U.S.A.
(72)Name of Inventor :
1)MIRAJKAR Yelloji Rao K
2)XU Guofeng
3)YANG Ying
4)BOYD Thomas
5)PRENCIPE Michael

(57) Abstract :

An oral care composition for treating or preventing calculus comprising an anticalculus agent and an antibacterial agent comprising a biphenol compound obtainable from Magnolia officinalis, wherein the composition is free of phosphate-containing anticalculus agents.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRANSMISSION METHOD TRANSMISSION DEVICE RECEPTION METHOD AND RECEPTION DEVICE

(51) International classification	:H04J99/00,H04B7/04	(71)Name of Applicant :
(31) Priority Document No	:2010234061	1)PANASONIC CORPORATION
(32) Priority Date	:18/10/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/005801	(72)Name of Inventor :
Filing Date	:17/10/2011	1)MURAKAMI Yutaka
(87) International Publication No	:WO 2012/053185	2)KIMURA Tomohiro
(61) Patent of Addition to Application Number	:NA	3)OUCHI Mikihiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A precoding method that generates a plurality of precoded signals from a plurality of baseband signals, said precoded signals being transmitted in the same frequency band at the same time. One matrix is selected from among N matrices ($F[i]$, with $i = 0, 1, 2, \dots, N$) for the aforementioned plurality of baseband signals, and a first precoded signal (z_1) and second precoded signal (z_2) are generated. A first encoded block and second encoded block are generated using a prescribed error-correction-block encoding scheme. One - symbol baseband signal is generated from the first encoded block and another from the second encoded block. Then, a precoding process is performed on the combination of the baseband signal generated from the first encoded block and the baseband signal generated from the second encoded block, thereby generating an M-slot precoded signal.

No. of Pages : 389 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.650/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A MILLIMETER LEVEL MEASURING RULER FOR MEASURING BY TOUCH

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :KANPUR-20816, UTTAR PRADESH,
(33) Name of priority country	:NA	INDIA,
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)J RAMKUMAR
(87) International Publication No	: NA	2)A MADHAVAN
(61) Patent of Addition to Application Number	:NA	3)ARAVIND SHANMUGA SUNDARAM M
Filing Date	:NA	4)SHANU SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a millimeter level measuring ruler for measuring by touch comprising of ruler base, millimeter pointer and delimiter, wherein each centimeter of the ruler base comprises of a valley and crest and said pointer is provided with Braille assisted signs of 1, 2, 3 and 4 on each face.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.171/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR REGISTERING A WIRELESS COMMUNICATION DEVICE AT A BASE DEVICE AND CORRESPONDING SYSTEM

(51) International classification	:H04L29/06,H04W12/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 031 931.7	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:22/07/2010	Address of Applicant :Wittelsbacherplatz 2 80333 M ^u nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/060489	(72)Name of Inventor :
Filing Date	:22/06/2011	1)FALK Rainer
(87) International Publication No	:WO 2012/010381	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for registering a wireless communication device at a base device. The method comprises the steps of: transmitting, by means of a wireless authentication device, a piece of authentication information; receiving, by means of the wireless communication device, a piece of authentication information, in particular using in-band communication; transferring, by means of the wireless communication device, the piece of authentication information to the base device; analyzing, by means of the base device, the transferred piece of authentication information; and incorporating the wireless communication device into a network depending on the result of the analysis. The invention further relates to a corresponding system and to a use thereof.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.198/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE PERTAINING TO LIMITING THE TEMPERATURE OF A DOSING UNIT IN A SCR SYSTEM

(51) International classification :F01N11/00,F01N3/20,F02D41/02
(31) Priority Document No :10506483
(32) Priority Date :21/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050798
Filing Date :20/06/2011
(87) International Publication No :WO 2011/162700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCANIA CV AB
Address of Applicant :S 151 87 Sdertlje Sweden
(72)Name of Inventor :
1)LILJESTRAND Andreas
2)BREMBERG Per

(57) Abstract :

The invention relates to a method pertaining to an SCR system for cleaning of exhaust gases from an engine (150) comprising a dosing unit (250) situated in thermal contact with the engine s exhaust system and intended to supply a reducing agent to an exhaust duct (240) of the exhaust system comprising the step of determining (s340) whether there is an undesired temperature level of said dosing unit (250). The method comprises also the step if there is found to be said undesired temperature level of limiting (s360) the temperature of said exhaust duct (240) by control of the operation of said engine. The invention relates also to a computer programme product containing programme code (P) for a computer (200; 210; 400) for implementing a method according to the invention. The invention relates also to a device and a motor vehicle (100) which is equipped with the device.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.213/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HONING TOOL FOR HONING BLIND BORES

(51) International classification	:B24B33/08
(31) Priority Document No	:102010031221.5
(32) Priority Date	:12/07/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/059108
Filing Date	:01/06/2011
(87) International Publication No	:WO 2012/007224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart
Germany
(72)**Name of Inventor :**
1)STOPP Guido

(57) Abstract :

The invention relates to a honing tool (1) that is suitable in particular for honing blind bores (5), comprising a stone carrier (3), a first honing stone segment (16) and a second honing stone segment (17). The first honing stone segment (16) and the second honing stone segment (17) are fastened in a groove (22) of the stone carrier (3). In addition, the stone carrier (3) comprises an end (10) with which the stone carrier (3) can be introduced into a bore (5). The second honing stone segment (17) is fastened closer to the end (10) of the stone carrier (3) than the first honing stone segment (16). Moreover, the wear resistance of the second honing stone segment (17) is greater than a wear resistance of the first honing stone segment (16). In this way, a straight bore (5) can be honed even in the case of limited idle travel (9).

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.624/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DETERMINATION OF THE LOCATION OF AN ELECTRICAL DISTURBANCE

(51) International classification	:H02N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GE AVIATION SYSTEMS LIMITED
(32) Priority Date	:NA	Address of Applicant :BISHOPS CLEEVE CHELTENHAM,
(33) Name of priority country	:NA	GLOUCESTERSHIRE GL52 8SF (GB) U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAVIS ANDREW CERI
(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 :

An apparatus and method for determining the location of an electrical disturbance in a circuit are disclosed. The relative phase of current and voltage waveforms across the circuit inductance of a portion of a circuit produced by a voltage or current perturbation is determined and the location of the electrical disturbance within the circuit is identified from the relative phase of the current and voltage waveforms. The relative phase of the current and voltage waveforms across the inductance of a portion of the circuit may be determined by calculating the sign (positive or negative) of the inductance of that portion of the circuit. Being able to determine the location of an electrical disturbance, for example within a particular distribution leg from a plurality of distribution legs, enables just the leg effected by the electrical disturbance to be isolated whilst the remaining portions of the circuit, such as various other loads or other components and the power source to continue in operation.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.646/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FORWARD AND REVERSE STITCH SWITCHING DEVICE FOR SEWING MACHINE

(51) International classification	:B25F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAULIN MFG. CO., LTD.
(32) Priority Date	:NA	Address of Applicant :11F., NO. 128, SEC. 3, MINSHENG E.
(33) Name of priority country	:NA	RD., SONGSHAN DISTRICT, TAIPEI CITY, TAIWAN (R.O.C)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PEI-CHIA LIN
(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 stitch length adjusting mechanism (1) of a forward and reverse stitch switching device includes a fixed base (10), a shaft lever (20), a stitch length cam (30) and a knob (40). The fixed base (10) has a shaft hole (13); the shaft lever (20) is passed through and coupled to the shaft hole (13); the stitch length cam (30) is sheathed on and rotated together with the shaft lever (20) and has a cylindrical body (31) and a guide rail (32), and a guide rail (32) has a central cross-section (32 1) defined perpendicular to an axial line (3 1 1) of the cylindrical body (3 I), and the guide rail (32) has abutting surfaces (322,323) defined symmetrically with each other with respect to the central cross-section (321), and an internal included angle (324) is defined between the abutting surface (322, 323) and the central cross-section (321), and the internal included angle (324) is an acute angle; and the knob is coupled to the shaft lever and formed outside the fixed base. The mechanism (1) can adjust or change a stitch length easily and stably.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTEGRATED CARBODY STRUCTURE WITH MOUNTING ARRANGEMENTS OF LOCOMOTIVE PLATFORM

(51) International classification	:B61D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIESEL LOCOMOTIVE WORKS
(32) Priority Date	:NA	Address of Applicant :DIESEL LOCOMOTIVE WORKS
(33) Name of priority country	:NA	MINISTRY OF INDIAN RAILWAYS VARANASI-221004 Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. S.K. SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an Integrated carbody structure with mounting arrangements locomotive platform and in particular, this invention relates to Integrated carbody structure with mounting arrangements locomotive platform having a DG sets, blowers, air compressor, control system, battery boxes, rectifiers, brake system, coupler bodies and capable of taking up draw and buff loads with interface for transmitting the equipment weights to the bogie frame structures through secondary rubber springs and particularly to that type of structure used platforms currently in use for traction purposes in diesel electric locomotives has mounting arrangement for only one engine and the plenum chamber design of these platforms feeds air for cooling of subassemblies like traction motors only i.e. the air supply grills/openings are provided only under the platform.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.203/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LUMINESCABLE RELEASE OR PROTECTIVE FILM

(51) International classification :C09J7/02
(31) Priority Document No :10 2010 024 638.7
(32) Priority Date :22/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/002802
Filing Date :08/06/2011
(87) International Publication No :WO 2011/160774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HUHTAMAKI FILMS GERMANY GMBH & CO. KG
Address of Applicant :Zweibrückenstrae 15 25 91301
Forchheim Germany
(72)Name of Inventor :
1)SITZMANN Stefan
2)DISTLER Georg

(57) Abstract :

The present invention relates to a release film or 5 protective film whose silicone coating is composed at least at regular intervals of a luminescable silicone coating section, to a method for furnishing starting products with such a release or protective film, to products produced by this method, and, additionally, to 10 a device for implementing the aforementioned method.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONVERSION OF ALCOHOLS

(51) International classification :C07C29/34,C07C31/12,B01J27/185
(31) Priority Document No :10251236.5
(32) Priority Date :09/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2011/001036
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BP BIOFUELS UK LIMITED
Address of Applicant :Chertsey Road Sunbury on Thames
Middlesex TW16 7BP U.K.
(72)Name of Inventor :
1)WASS Duncan Frank
2)DOWSON George Richard Michael

(57) Abstract :

A method is described for use in a process for the conversion of an alcohol the method including the step of contacting a composition comprising a first alcohol with a catalyst composition. Catalyst composition described comprises: i) a source of a Group VIII transition metal; ii) a phosphine ligand of formula PRRR wherein R R and R are the same or different; and iii) a base. In examples described the alcohol which is converted comprises ethanol and the product comprises butanol.

No. of Pages : 33 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.353/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :25/02/2009

(43) Publication Date : 12/09/2014

(54) Title of the invention : CROSSLINKABLE COMPOSITIONS, THERMOPLASTIC ELASTOMERS OBTAINABLE THEREFROM AND THEIR USE

(51) International classification	:C08F283/02	(71)Name of Applicant :
(31) Priority Document No	:10 2008 012 516.4	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:04/03/2008	Address of Applicant :D-51369 LEVERKUSEN, GERMANY.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)KAY VARNHORN
Filing Date	:NA	2)JORG MERTINKAT
(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 :

Crosslinkable compositions based on at least one copolyester as thermoplastic elastomer and on aolefin-vinyl acetate copolymers having a vinyl acetate content of : 40% by weight, where the compositions comprise a peroxide as crosslinking initiator. The present invention further relates to the preparation of the crosslinkable compositions of the invention, to the use of the cross linkable compositions of the invention for the production of thermoplastic elastomers, to a process for the cross linking of the compositions of the invention to give a thermoplastic elastomer of the invention, and also to the thermoplastic elastomers of the invention themselves and to their use for the production of mouldings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.254/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISCRETE PRE ASSEMBLED MONOLITHIC AIOL ASSEMBLAGES AND AIOL ASSEMBLIES INCLUDING SAME

(51) International classification	:A61F2/16
(31) Priority Document No	:207615
(32) Priority Date	:15/08/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/000661
Filing Date	:14/08/2011
(87) International Publication No	:WO 2012/023133
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NULENS LTD

Address of Applicant :15 Maskit Street P. O. Box 2225 46121 Herzliya Israel

(72)Name of Inventor :

1)BEN NUN Joshua

(57) Abstract :

Accommodating intraocular lens (AIOL) assemblies including a discrete pre assembled monolithic AIOL assemblage and a discrete haptics system having a haptics ring and at least two elongated C shaped haptics for self anchoring in a human scleral wall at the ciliary sulcus. The AIOL assemblages include an AIOL capsule and an integrally formed base member. The AIOL assemblages also include an annular haptics support surround posterior to an anterior structure on implantation in a human eye of a supine human. AIOL assemblies are assembled in situ by mounting a haptics system onto a previously implanted AIOL assemblage. The haptics system bears against the annular haptics support surround. The anterior structure is freely telescopically received in the haptics ring.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.651/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PEDESTRIAN PROTECTION ABSORBER INTEGRATED WITH AIR DAM FOR VEHICLE.

(51) International classification	:B60F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAVI KIRAN CHENI
(87) International Publication No	: NA	2)ABHISHEK SINHA
(61) Patent of Addition to Application Number	:NA	3)PARVEEN KUMAR SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved pedestrian protection absorber integrated with air dam for vehicle comprising of air dam integrated to pedestrian absorber, wherein said air dam comprising of a walled structure having a base wall provided between front wall and back wall open towards top face of the absorber comprising of sequential bending zones for controlling leg kinematics.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.267/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR MANUFACTURING AN INJECTION MOLDED PRODUCT

(51) International classification :B29C33/00,B29C45/40,B29C45/00
(31) Priority Document No :61/371868
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046455
Filing Date :03/08/2011
(87) International Publication No :WO 2012/021355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SYNTHES USA LLC
Address of Applicant :1302 Wrights Lane East West Chester
Pennsylvania 19380 U.S.A.
2)SYNTHES GMBH
(72)Name of Inventor :
1)HULLIGER Urs
2)FLUECKIGER Hugo

(57) Abstract :

A method for manufacturing an injection molded product (11) includes producing an injection mold (1) by building a one piece mold block (2) including a mold cavity (5) sized and shaped to correspond to a desired shape of the injection molded product and a first feeder duct (7) extending from the mold cavity and injecting a molten material into the mold cavity via the feeder duct to form an injection molded product and a sprue extending therefrom into the first feeder duct in combination with machining a portion of the injection block to expose the injection molded product and machining the injection molded product while the sprue firmly holds the product in a remaining portion of the injection mold. The product is then cut from the sprue.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.274/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS AND PROCESS FOR TRANSFERRING SUBSTRATE MATERIAL AND PARTICULATE MATERIAL

(51) International classification	:A61F13/15
(31) Priority Document No	:10170895.6
(32) Priority Date	:27/07/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2011/045323
Filing Date	:26/07/2011
(87) International Publication No	:WO 2012/015802
(61) 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)OSTLE Peter

2)LINK Siegfried

3)DOHMEN Martin

(57) Abstract :

An apparatus for transferring at high speed and in a very effective and accurate and cost effective manner particulate material from a first moving endless surface with reservoir(s) to a second moving endless surface carrying a substrate material such as a nonwoven web material and transferring said combination of substrate material with particulate material to a further apparatus unit; said second moving endless surface is adjacent and in communication with a first and a second vacuum chamber with different vacuum pressures and/or different size. Also a process is provided using the described apparatus.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.996/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PREPARING A BIPHENYL 2 YLCARBAMIC ACID

(51) International classification :C07D211/46

(31) Priority Document No :61/363725

(32) Priority Date :13/07/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/042530

Filing Date :30/06/2011

(87) International Publication No :WO 2012/009166

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THERAVANCE INC.

Address of Applicant :901 Gateway Boulevard South San Francisco California 94080 U.S.A.

(72)Name of Inventor :

1)COLSON Pierre Jean

(57) Abstract :

The invention provides a process of preparing an intermediate useful in the synthesis of biphenyl 2 ylcarbamic acid 1 (2 {[4 (4 carbamoylpiperidin 1 ylmethyl) benzoyl]methylamino}ethyl)piperidin 4 yl ester and a process of preparing a crystalline freebase of the ester.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MECHANIZED SYSTEM FOR POPPING AND DECORTICATIONS OF MAKHANA SEEDS (GORGON NUT, EURYALE FERROX)

(51) International classification	:A01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH,
(32) Priority Date	:NA	CENTRAL INSTITUTE OF POST HARVEST
(33) Name of priority country	:NA	ENGINEERING AND TECHNOLOGY, LUDHIANA
(86) International Application No	:NA	Address of Applicant :CIPHET, PO PAU, LUDHIANA -
Filing Date	:NA	141004 (PUNJAB), INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JHA SHYAM NARAYAN
Filing Date	:NA	2)VISHWAKARAM RAJESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The prior art of popping of makhana using manual/ the traditional methods of roasting and hitting the hot roasted nut by mallets are tedious, time consuming and involves drudgery, besides having low popping capacity with variable quality of makhana. The present invention relates to development of a mechanized system for roasting and popping operations continuously. The system consists of a screw conveyor type roaster and a centrifugal type popping unit, which can also decorticate the conditioned seeds, which hitherto, was not in practice. The developed machine is capable for both popping and decorticating the gorgon nut, if properly conditioned. The capacity of the developed system is about 40 kg of raw gorgon nut, which can easily be scaled-up or scaled-down.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.239/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR ADJUSTING CONCRETE RHEOLOGY BASED UPON NOMINAL DOSE RESPONSE PROFILE

(51) International classification :G01N11/00,G01N33/38
(31) Priority Document No :12/821451
(32) Priority Date :23/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/035851
Filing Date :10/05/2011
(87) International Publication No :WO 2011/162878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VERIFI LLC
Address of Applicant :9466 Meridian Way West Chester OH
45069 U.S.A.
(72)**Name of Inventor :**
1)KOEHLER Eric
2)ROBERTS Mark F.
3)COOLEY Roy J.
4)VERDINO Steve

(57) Abstract :

The invention relates to a method for adjusting concrete rheology requiring only that load size and target rheology value be selected initially rather than requiring inputs into and consultation of a lookup table of parameters such as water and hydration levels mix components temperature humidity aggregate components and others. Dosage of particular rheology modifying agent or combination of rheology modifying agents is calculated based on a percentage of a nominal dose calculated with reference to a nominal dose response (NDR) curve or profile. The NDR profile is based on a correlation between a rheology value (e.g. slump slump flow yield stress) and the rheology modifying agent(s) dose required to change rheology value by one unit (e.g. slump change from 2 to 3 inches) such that exemplary methods can employ corrective dosing based on the NDR and the measured deviation by the system.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.250/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR HANDLING PERSONAL IDENTIFICATION INFORMATION

(51) International classification	:G07C9/00
(31) Priority Document No	:12/819623
(32) Priority Date	:21/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/052605
Filing Date	:15/06/2011
(87) International Publication No	:WO 2011/161589
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :SE 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)VALENTINE Eric Lee
2)SYED Inayat

(57) Abstract :

A system method and client registration and verification device for handling personal identification information. The client device collects from a» individual a sufficient amount of biometric information to uniquely identify the individual as well as historical mobility information providing a history of locations where the individual has lived. A caching manager stores the collected biometric information at a selected cache node in a hierarchical database having a plurality of cache nodes at multiple levels of the database. The caching manager selects the cache node based on the historical mobility information collected from the individual. The client device sends subsequent requests to verify the identity of the individual to a local cache node where newly input biometric information is compared with the cached information. When the individual s biometric information is not stored in the local cache node the request is forwarded upward in the database until the cached information is found and compared.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.997/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS FOR THE HEAT TREATMENT OF A WEB OF TEXTILE MATERIAL

(51) International classification	:F26B13/10,F26B23/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 033 033.7	1)A. MONFORTS TEXTILMASCHINEN GMBH & CO.
(32) Priority Date	:02/08/2010	KG
(33) Name of priority country	:Germany	Address of Applicant :Blumenberger Strae 143 145 41061
(86) International Application No	:PCT/EP2011/062257	Mnchengladbach Germany
Filing Date	:18/07/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/016814	1)BAUM Gottfried
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an apparatus for the heat treatment of a web of textile material (3) comprising a housing (6) means for guiding the web of material (3) in the housing (6) means for blowing heated treatment gas (5) onto the web of material (3) at least part of the treatment gas being supplied as fresh air and exhaust gas being carried away and a heat wheel (7) for preheating the fresh air by means of the exhaust gas. It is intended to improve the apparatus in such a way as to create lines for indirectly preheating fresh air by means of exhaust air without any significant additional expenditure and without the height of the apparatus being any greater or significantly greater than in the case of apparatuses without preheating. This is achieved by the heat wheel (7) being connected directly to warm sides of the ducts (9 10) for the fresh air and for the exhaust air the warm sides of the ducts (9 10) being routed exclusively inside the housing (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1006/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DRIVE FOR A SWITCH DISCONNECTOR WITH C O SWITCHING CAPACITY

(51) International classification	:H01H3/30,H01H31/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 033 042.6	1)ABB TECHNOLOGY AG
(32) Priority Date	:02/08/2010	Address of Applicant :Affolternstrasse 44 CH 8050 Z ¹ / ₄ rich
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2011/003356	(72)Name of Inventor :
Filing Date	:06/07/2011	1)K-RBER Franz Josef
(87) International Publication No	:WO 2012/016618	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a drive for a switch disconnecter with C or O switching capacity with a switching pin acting as switching contact with a spindle drive driven by an electric motor and having a spindle nut wherein an actuating element which is loaded by a compression spring and is capable of pivoting about a fixed pivot point is acted upon by the spindle nut wherein the actuating element for its part interacts with an actuating apparatus which actuates the switching pin.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1051/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LUER CONNECTOR

(51) International classification :A61M39/10,A61M39/12
(31) Priority Document No :61/365406
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044504
Filing Date :19/07/2011
(87) International Publication No :WO 2012/012402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BECTON DICKINSON AND COMPANY
Address of Applicant :1 Becton Drive Mail Code 110 Franklin
Lakes New Jersey 07417 1880 U.S.A.

(72)**Name of Inventor :**
1)CARTER Jeffery Lee
2)NIELSEN Cameron James
3)PETERSON Bart David
4)MCKINNON Austin Jason

(57) Abstract :

A luer lock connector (40) is disclosed. The luer lock connector includes a connector body (41) having a distal end a proximal end and a gripping portion (58) between the distal end and the proximal end. A substantially flexible material (64) is disposed on at least the outer surface of the gripping portion of the connector body. An intravenous line is coupled to the distal end of the connector body. A luer connector fitting (72) is disposed on the proximal end of the body the luer connector having an outer diameter less than a maximum exterior thickness of the gripping portion of the connector body.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.162/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR THE OXIDATION OF UNSATURATED ORGANIC COMPOUNDS

(51) International classification :C07C51/285,C07C55/14,C07C55/02
(31) Priority Document No :10170239.7
(32) Priority Date :21/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2011/001093
Filing Date :21/07/2011
(87) International Publication No :WO 2012/010842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CATEXEL LIMITED
Address of Applicant :TMF Corporate Administration
Services Limited 5th Floor 6 St Andrew Street London EC4A
3AE U.K.
(72)Name of Inventor :
1)HAGE Ronald
2)DE BOER Johannes Wietse
3)SAISAH A Pattama

(57) Abstract :

The present invention concerns a method for the oxidative cleavage of unsaturated carbon carbon bonds into carboxylic acids or ketones using a manganese catalyst and hydrogen peroxide.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.190/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGH TEMPERATURE ACTIVATION PROCESS

(51) International classification :B23K26/40,B65G49/06,C03B25/02
(31) Priority Document No :61/360173
(32) Priority Date :30/06/2010
(33) Name of priority country:U.S.A.
(86) International Application No:PCT/US2011/041757
Filing Date :24/06/2011
(87) International Publication No:WO 2012/003139
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIRST SOLAR INC.
Address of Applicant :28101 Cedar Park Boulevard
Perrysburg OH 43551 U.S.A.
(72)**Name of Inventor :**
1)BURGARD Daniel
2)CONLEY Joshua
3)HINKLE James
4)MURPHY Stephen
5)TRUMAN Thomas

(57) Abstract :

A method for processing a coated glass substrate may include a high temperature activation process.

No. of Pages : 16 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLYISOCYANATE BASED ANTI CORROSION COATING

(51) International classification :C08G18/09,C08G18/18,C09D175/04
(31) Priority Document No :10168903.2
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060982
Filing Date :30/06/2011
(87) International Publication No :WO 2012/004180
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HUNTSMAN INTERNATIONAL LLC
Address of Applicant :500 Huntsman Way Salt Lake City UT 84108 U.S.A.
(72)Name of Inventor :
1)DRIES Geert Lodewijk
2)GURKE Thorsten

(57) Abstract :

Anti corrosion coating for metallic substrates obtainable by reacting an organic polyisocyanate with a compound containing isocyanate reactive hydrogen atoms at an isocyanate index of between 1000 and 5000 % in the presence of a trimerisation catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.240/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROTECTION SLEEVE HOLDING MECHANISM

(51) International classification :A61B17/17
(31) Priority Document No :61/366997
(32) Priority Date :23/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044832
Filing Date :21/07/2011
(87) International Publication No :WO 2012/012625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SYNTHES USA LLC
Address of Applicant :1302 Wrights Lane East West Chester
Pennsylvania 19380 U.S.A.
2)SYNTHES GMBH
(72)Name of Inventor :
1)BUETTLER Markus
2)VOLZER Simone
3)BAERISWYL Andreas

(57) Abstract :

A system for inserting an intramedullary nail into a bone includes (a) a handle extending from a proximal end to a distal end configured to couple to an intramedullary nail only in a desired orientation and (b) an aiming device extending from a proximal end to a distal end configured for attachment to the proximal end of the handle. The aiming device includes a guide opening extending therethrough sized and shaped to accommodate a protective sleeve therein. The guide opening is located and oriented so that when the aiming device and the handle are coupled to one another a bone fixation receiving hole in an intramedullary nail coupled to the handle is aligned with the guide opening. The aiming device further includes a locking pin fixedly mounted thereto. The locking pin extends into the guide opening to engage a protective sleeve inserted therein.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.258/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THERMOPLASTIC JOUNCE BUMPERS

(51) International classification	:F16F1/373,F16F1/42
(31) Priority Document No	:61/372985
(32) Priority Date	:12/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/047242
Filing Date	:10/08/2011
(87) International Publication No	:WO 2012/021612
(61) 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. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 Market Street Wilmington
Delaware 19898 U.S.A.

(72)Name of Inventor :

1)SZEKELY Peter Laszlo

2)VAN DER ZYPPE Damien

(57) Abstract :

The invention provides vehicle suspension systems and more particularly jounce bumpers made of elastomeric thermoplastic material having improved design to maximize energy absorption.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRECODING METHOD AND TRANSMITTING DEVICE

(51) International classification	:H04J99/00,H04B7/04	(71)Name of Applicant :
(31) Priority Document No	:2010276457	1)PANASONIC CORPORATION
(32) Priority Date	:10/12/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/006741	(72)Name of Inventor :
Filing Date	:01/12/2011	1)MURAKAMI Yutaka
(87) International Publication No	:WO 2012/077310	2)KIMURA Tomohiro
(61) Patent of Addition to Application	:NA	3)OUCHI Mikihiro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission method for simultaneously transmitting a first modulating signal and a second modulating signal at the same frequency, whereby precoding weights are regularly modified in a precoding weight multiplication unit that multiplies pre - coding weights with respect to a baseband signal after a first mapping and a baseband signal after a second mapping, and outputs the first modulating signal and the second modulating signal.

No. of Pages : 776 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.251/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TIME DELAYED SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING DAPOXETINE FOR ORAL ADMINISTRATION

(51) International classification :A61K9/22,A61K31/138,A61K31/519
(31) Priority Document No :1020100064988
(32) Priority Date :06/07/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004919
Filing Date :05/07/2011
(87) International Publication No :WO 2012/005500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NAVIPHARM. CO. LTD.
Address of Applicant :#202 Fitech Venture Partner Co. Ltd.
111 7 Guun dong Gwonseon gu Suwon si Gyeonggi do 441 814
Republic of Korea
(72)**Name of Inventor :**
1)LEE Chang Kyoo
2)PARK Sang Geun

(57) Abstract :

The present invention relates to a time-delayed sustained release pharmaceutical composition for oral administration, which comprises an immediate release phase and a prolonged sustained release phase, wherein said immediate release phase and prolonged sustained release phase respectively comprise Dapoxetine therein as an active ingredient. The pharmaceutical composition of the present invention comprises Dapoxetine, which is an agent for treating premature ejaculation, in both the immediate release phase and the prolonged sustained release phase thereof, to thereby immediately exhibit the effectiveness of the pharmaceutical composition of the present invention in order to enable a patient to achieve sexual satisfaction during the early stage of administration, as well as to reduce side effects by means of the time-delayed sustained release of the prolonged sustained release phase during the early stage of administration and enable a continuous in vivo absorption of Dapoxetines, to thereby lengthen the duration of the effectiveness of the pharmaceutical composition of the present invention. Further, agents for treating erectile dysfunction, such as sildenafil, tadalafil or the like can be added to the immediate release phase so as to allow for a coincidence of the durations of the effectiveness of a premature ejaculation treatment agent and erectile dysfunction treatment agents, even though a half-life difference exists between the two types of treatment agents, thus maximizing patient satisfaction.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CADMIUM STANNATE SPUTTER TARGET

(51) International classification :C23C14/08,C23C14/34,H01L31/0224
(31) Priority Document No :61/360216
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042159
Filing Date :28/06/2011
(87) International Publication No :WO 2012/012136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIRST SOLAR INC
Address of Applicant :28101 Cedar Park Boulevard
Perrysburg OH 43551 U.S.A.
(72)**Name of Inventor :**
1)BULLER Benyamin
2)DAUSON Douglas
3)MILLS Scott
4)ROBERTS Dale
5)YANG Yu
6)ZHAO Zhibo
7)BURROWS Keith J.
8)HARTIG Klaus
9)KRISKO Annette

(57) Abstract :

A structure includes a barrier layer which can include a silicon aluminum oxide and a transparent conductive oxide layer which can include a layer of cadmium and tin.

No. of Pages : 23 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.269/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : UNIT FOR MARKING AND/OR SAMPLING ANIMAL TISSUE AND CORRESPONDING MARKING AND/OR SAMPLING TOOL

(51) International classification :A01K11/00,A01K13/00,A61B10/02
(31) Priority Document No :1056349
(32) Priority Date :30/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/060558
Filing Date :23/06/2011
(87) International Publication No :WO 2012/013429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant :**
1)ALLFLEX EUROPE
Address of Applicant :Route des Eaux ZI de la Plague F 35500 Vitre France
(72) **Name of Inventor :**
1)TEYCHENE Bruno
2)HILPERT Jean Jacques

(57) Abstract :

The invention relates to a unit for marking and/or sampling animal tissue, including a male portion (12) for marking and/or sampling tissue, and a female portion (13) for marking and/or receiving said tissue. According to the invention, such a unit includes an intermediate element (14) for connecting said male and female portions together, said 10 intermediate connection element (14) having a first portion (141) for rigidly connecting to said male portion and a second portion (192) for rigidly connecting to said female portion, enabling said male and female portions to be supported along a single marking and/or sampling axis (AAI) before marking and/or sampling said animal tissue, wherein the intermediate connection element is releasable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.649/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A PROCESS OF MAKING INTEGRATED BOTTOM UNIT FOR FOOTWEAR

(51) International classification	:A43D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANIL KUMAR SAHOO
(32) Priority Date	:NA	Address of Applicant :1064, ATS GREEN VILLAGE, SEC-
(33) Name of priority country	:NA	93A, NOIDA-201304, U.P, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANIL KUMAR SAHOO
(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 novel process for preparing a single structured bottom unit for footwear. This invention relates to a novel process for preparing a single structured bottom unit for footwear comprising steps of preparing rubber outsole followed by insertion of the pre adhesiveladhesive film treated outsole into the PU mold, activation of the adhesive/adhesive film on the outsole and pouring of PU into the mold. It is associated with the following advantageous features:- - Less time consuming due to elimination of intermediate steps. - Less material consumption. - Cost effective. - Meeting the comfort level (softer midsole) and durability of the bottom (due to rubber bottom directly comes in contact with surface). - Apart from making a unit bottom, this process can be used to make full shoe and sandal/chappal using same bottom.

No. of Pages : 9 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.688/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : A NOVEL HERBAL COMPOSITION FOR TREATMENT OF ACNE AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61K36/886	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY SCHOOL OF BIOTECHNOLOGY GURU
(32) Priority Date	:NA	GOBIND SINGH INDRAPRASTHA UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :SECTOR-16-C DWARKA NEW
(86) International Application No	:NA	DELHI-110075 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ms PRATIBHA NAND
(61) Patent of Addition to Application Number	:NA	2)Dr. SUSHMA DRABU
Filing Date	:NA	3)Dr. RAJINDER K. GUPTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel synergistic herbal formulation comprising of a combination of Plant extracts as therapeutically active ingredients mixed with pharmaceutically acceptable additives for the topical treatment of acne with reduced side effects and improved patient compliance and a method of preparation thereof.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PHASE NOISE COMPENSATION IN COHERENT OPTICAL COMMUNICATIONS SYSTEMS

(51) International classification :H04B10/145,H04B10/148,H04B10/158
(31) Priority Document No :10171272.7
(32) Priority Date :29/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062866
Filing Date :02/09/2010
(87) International Publication No :WO 2012/013250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :Torshamnsgatan 23 S 164 83
Stockholm Sweden
(72)Name of Inventor :
1)SECONDINI Marco
2)FOGGI Tommaso
3)COLAVOLPE Giulio
4)MELONI Gianluca
5)POTI Luca
6)FORESTIEREI Enrico

(57) Abstract :

A method (10) of compensating phase noise in a coherent optical communications network. The method comprises: receiving a traffic sample (12); receiving an optical carrier and determining a phase noise estimate for the optical carrier (14); and removing the phase noise estimate from the traffic sample to form a phase noise compensated traffic sample (16).

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.271/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGHLY CRYSTALLINE VALSARTAN

(51) International classification :C07D257/04,A61K31/41,A61P9/12
(31) Priority Document No :61/370285
(32) Priority Date :03/08/2010
(33) Name of priority country:U.S.A.
(86) International Application No:PCT/EP2011/063254
Filing Date :01/08/2011
(87) International Publication No:WO 2012/016969
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 CH 4056 Basel
Switzerland
(72)Name of Inventor :
1)BURGBACHER Jens
2)HAHN Bjrn Thomas
3)RAMPF Florian Andreas
4)SCHNEEBERGER Ricardo

(57) Abstract :

The present invention describes a highly crystalline form of valsartan pharmaceutical compositions thereof and process for the preparation thereof.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.859/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :01/04/2008

(43) Publication Date : 12/09/2014

(54) Title of the invention : BEAM FOR A DRYWALL CEILING SOFFIT

(51) International classification	:E04B9/068	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WORTHINGTON ARMSTRONG VENTURE
(32) Priority Date	:NA	Address of Applicant :9 OLD LINCOLN HIGHWAY SUITE
(33) Name of priority country	:NA	200 MALVERN, PA 19355 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DONALD C. MILLER
(87) International Publication No	:NA	2)WILLIAM J. PLATT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A straight rollformed beam made for use in a suspended horizontal drywall ceiling is modified so that it can be used in a drywall ceiling underhang known as a drywall ceiling soffit. The beam is made with repetitive configurations along the length of the beam that are selectively cut, in the field, so that the beam can be bent to, and then fixed at, a desired angle. Drywall panels are secured to a plurality of such beams that form a framework for the soffit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A CAPSULE FOR THE PREPARATION OF A FOOD PRODUCT IN A FOOD PREPARATION MACHINE AT HIGH PRESSURE

(51) International classification	:B65D85/804
(31) Priority Document No	:10170478.1
(32) Priority Date	:22/07/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/062455
Filing Date	:20/07/2011
(87) International Publication No	:WO 2012/010634
(61) 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)DOGAN Nihan

2)DOLEAC Frdric

3)HENTZEL Stphane

4)PLEISCH Hans Peter

5)RAEDERER Marc

(57) Abstract :

The present invention relates to a capsule for delivering a food product by injection of a fluid under pressure into the capsule said capsule comprising a chamber defined by capsule side walls a flexible bottom wall and a top wall said chamber containing at least one ingredient to be dissolved and/or extracted by said injection fluid and a beverage dispensing structure comprising at least one dispensing opening disposed through the bottom wall wherein said beverage dispensing structure comprises a pressure retaining element adapted to retain a certain predetermined dissolution and/or extraction pressure in the chamber disposed in the vicinity of the bottom wall which comprises a protrusion in correspondence to the dispensing opening so that said protrusion is disposed into the corresponding opening and restricts its diameter at the time injection fluid inside the capsule chamber moves said membrane towards said pressure retaining means.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.210/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM METHOD AND READABLE MEDIA FOR MOBILE DISTRIBUTION AND TRANSACTION APPLIED IN NEAR FIELD COMMUNICATION (NFC) SERVICE

(51) International classification :H04B5/00,G06F9/44,G06Q20/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/073696
Filing Date :09/06/2010
(87) International Publication No :WO 2011/153688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TORO DEVELOPMENT LIMITED
Address of Applicant :Room 1505 15th Floor World Wide House 19 Des Voeux Road Central Hong Kong China
(72)Name of Inventor :
1)LAURENT Renard
2)GREGORY Puente Castan

(57) Abstract :

The present invention discloses a system and method for mobile integration distribution and transaction applied in Near Field Communication (NFC) service. The system comprises a server, which is used for generating a widget which has a lifecycle and a certification, distributing the widget and getting back the information of the widget used in the NFC transaction, and at least one mobile electronic device which comprises a transaction terminal and a virtual machine. The transaction terminal comprises a NFC modem and at least one safety unit for storing multiple security applications. The virtual machine is used for managing the widget, and when the NFC modem enables a NFC transaction by the safety unit under a specified security application, the virtual machine changes the information of the widget in the valid period of the lifecycle.

No. of Pages : 40 No. of Claims : 114

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CLUBFOOT DEFORMITY MEASURING DEVICE

(51) International classification	:G01B
(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	:
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
Address of Applicant :HAUZ KHAS, NEW DELHI-110016,
INDIA
(72)**Name of Inventor :**
1)PULAK MOHAN PANDEY
2)ALOK R. RAY
3)KANWALJIT SINGH

(57) Abstract :

The present subject matter relates device for measuring the deformity in clubfoot. The device according to the present subject matter includes a holding element for holding a portion of a leg of a patient, and a base element for receiving and holding the foot. The base element is pivotally connected to the holding element by an adjusting mechanism. These three axes in accordance with the foot movements include extension-flexion, inversion-eversion and adduction-abduction. Their respective movements are governed by respective knobs provided with the torque adjusting mechanism. The device is also provided with six mechanisms 200, 300, 400, 500, 600, and 700. The height adjusting mechanism 200 is provided to adjust the height of the holding element. The mechanisms 300 and 400 are provided to adjust the position of knee which is taken as reference point. Also, the mechanisms 500, 600 and 700 are provided to control and measure the deformities in three planes of movement of clubfoot, wherein these mechanisms are marked with metered scales to measure the level of deformity and improvement in clubfoot of the patients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.249/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SIP BASED CALL SESSION SERVER AND MESSAGE ROUTING METHOD

(51) International classification	:H04L29/06,H04L29/08	(71)Name of Applicant :
(31) Priority Document No	:12/837951	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:16/07/2010	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/053158	1)SAMAVEDAM Sai
Filing Date	:14/07/2011	2)CUNNINGHAM Kevin
(87) International Publication No	:WO 2012/007924	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and SIP based Call Session Server (50) for routing SIP messages. A Network and Transport layer (53) receives an incoming SIP message and forwards it to one of a plurality of SIP message routing process instances (56a 56n) in a SIP Message Routing Framework (52). The receiving SIP message routing process instance determines a Routing Key based upon at least one header field in the incoming message and based upon the Routing Key forwards the incoming message to a selected one of a plurality of Back to Back User Agent (B2BUA) instances (54a54n) in a Call Session Control Framework (51). The selected B2BUA instance creates an outgoing SIP message utilizing the Routing Key to generate a From Tag in an outgoing request message or to generate a To Tag in an outgoing response message and then forwards the outgoing message to the Network and Transport layer (53) which transmits the outgoing message.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NANOPARTICLE GUIDED RADIOTHERAPY

(51) International classification :A61N5/10,A61K49/00,A61B6/03
(31) Priority Document No :61/364917
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/062122
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TECHNICAL UNIVERSITY OF DENMARK
Address of Applicant :Anker Engelundsvej 1 Bygning 101A
DK 2800 Kgs. Lyngby Denmark
(72)Name of Inventor :
1)ANDRESEN Thomas Lars
2)ALBRECHTSEN Morten

(57) Abstract :

The present invention relates to a method and nano sized particles for image guided radiotherapy (IGRT) of a target tissue. More specifically the invention relates to nano sized particles comprising X ray imaging contrast agents in solid form with the ability to block x rays allowing for simultaneous or integrated external beam radiotherapy and imaging e.g. using computed tomography (CT).

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.275/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TUBULAR INLINE EXHAUST FAN ASSEMBLY

(51) International classification :F04D25/08
(31) Priority Document No :61/379832
(32) Priority Date :03/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050527
Filing Date :06/09/2011
(87) International Publication No :WO 2012/031295
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TWIN CITY FAN COMPANIES LTD.
Address of Applicant :5959 Trenton Lane Minneapolis MN
55442 3228 U.S.A.
(72)**Name of Inventor :**
1)KHALITOV Daniel
2)MCCLURE Andrew W.

(57) Abstract :

An improved exhaust fan housing and exhaust fan assembly so characterized is generally provided. The exhaust fan housing includes a first cylindrical or conical element a second cylindrical element interior of the first cylindrical element and a plurality of hollow vanes traversing an annular fluid passage chamber delimited thereby and uniting the first and second cylindrical elements. A central drive chamber delimited by the second cylindrical element is in fluid communication with ambient air exterior of the first cylindrical element via the hollow vanes. Each hollow vane is characterized by spaced apart wall segments which unitingly terminate so as to delimit a leading edge for each hollow vane each of the spaced apart wall segments having a free end or a closed end delimiting first and second trailing edges for the hollow vanes.

No. of Pages : 40 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.200/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SKIN CARE EMULSION COMPOSITION

(51) International classification	:A61K8/06
(31) Priority Document No	:61/362433
(32) Priority Date	:08/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/043363
Filing Date	:08/07/2011
(87) International Publication No	:WO 2012/006526
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JOHNSON & JOHNSON CONSUMER COMPANIES INC.
Address of Applicant :Grandview Road Skillman NJ 08558 U.S.A.
(72)**Name of Inventor :**
1)MAITRA Prithwiraj
2)PRILUTSKY Anna
3)SUN Ying

(57) Abstract :

In one aspect the invention relates to a method of making an emulsion composition. The method includes forming a water in oil emulsion and adding a galvanic particulate to the water in oil emulsion. In another aspect a water in oil emulsion is provided. The water in oil emulsion includes a water phase emulsified in a continuous oil phase; and a galvanic particulate. The oil in water emulsion has a yield stress of at least about 20 Pascals (Pa).

No. of Pages : 38 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.260/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TURBINE BLADE TEMPERATURE MEASUREMENT SYSTEM AND METHOD OF MANUFACTURE OF TURBINE BLADES

(51) International classification :B29C65/48,F03D1/06,F03D7/02
(31) Priority Document No :1011543.4
(32) Priority Date :08/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/DK2011/050264
Filing Date :06/07/2011
(87) International Publication No :WO 2012/003836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VESTAS WIND SYSTEMS A/S
Address of Applicant :Hedeager 44 DK 8200 Aarhus N
Denmark
(72)Name of Inventor :
1)OLESEN Ib Svend

(57) Abstract :

The invention provides a wind turbine blade comprising a first shell (30) having a first bonding region and a second shell (31) having a second bonding region wherein the second bonding region of the second shell is bonded to the first bonding region of the first shell; and a temperature sensor (22) positioned between the first bonding region and the second bonding region. Having a temperature sensor (22) positioned within the turbine blade in the region at which the two shells of the turbine blade are bonded together allows for accurate determination and control of the temperature of the critical bonding regions during blade manufacture. The temperature sensor may be used during the service life of the wind turbine blade to detect delamination of the wind turbine blade.

No. of Pages : 29 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.227/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WAXES DERIVED FROM METATHESIZED NATURAL OILS AND AMINES AND METHODS OF MAKING

(51) International classification :C07C6/04,C08L91/00,C08L91/06

(31) Priority Document No :61/363016

(32) Priority Date :09/07/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/043035

Filing Date :06/07/2011

(87) International Publication No :WO 2012/006324

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ELEVANCE RENEWABLE SCIENCES INC.

Address of Applicant :2501 Davey Road Woodridge IL 60517
U.S.A.

(72)Name of Inventor :

1)MUJKIC Monika

2)CADE Deidra

3)LEE Choon Woo

4)STARCH Michael Stephen

5)SWANTON Brian J.

(57) Abstract :

Wax compositions derived from metathesized natural oils and amines and methods of making wax compositions from metathesized natural oils and amines are provided. The wax compositions comprise amidated metathesized natural oils formed from a metathesized natural oil and at least one amine. The methods comprise providing an amine and providing a metathesized natural oil. The methods further comprise mixing the amine and the metathesized natural oil in the presence of a basic catalyst or heat causing a reaction between the amine and metathesized natural oil therein forming the amidated metathesized natural oil.

No. of Pages : 73 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.238/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ANTHRANILIC ACID DIAMIDE DERIVATIVE AS A PESTICIDE

(51) International classification :C07D401/14,A01N43/713
(31) Priority Document No :10168991.7
(32) Priority Date :09/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061171
Filing Date :04/07/2011
(87) International Publication No :WO 2012/004208
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Strasse 10 40789
Monheim Germany
(72)Name of Inventor :
1)FISCHER Rüdiger
2)GESING Ernst Rudolf
3)GRONDAL Christoph
4)HEIL Markus
5)WROBLOWSKY Heinz Jürgen
6)VOERSTE Arnd
7)G-GENS Ulrich

(57) Abstract :

The invention relates to novel anthranilic acid diamide derivatives of the general formula (I), where R1, R2, R3, R4, R5, R6, A, Q, Y, and n have the meanings given in the description, to the use thereof as insecticides and acaricides for Controlling animal pests, and to a plurality of methods for producing same.

No. of Pages : 74 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.276/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PHOSPHINE LIGANDS FOR CATALYTIC REACTIONS

(51) International classification :B01J31/24
(31) Priority Document No :61/365293
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044282
Filing Date :15/07/2011
(87) International Publication No :WO 2012/009698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABBVIE INC.
Address of Applicant :1 North Waukegan Road North Chicago
IL 60064 U.S.A.
(72)**Name of Inventor :**
1)SHEKHAR Shashank
2)FRANCZYK Thaddeus S.
3)BARNES David M.
4)DUNN Travis B.
5)HAIGHT Anthony R.
6)CHAN Vincent S.

(57) Abstract :

The disclosure is directed to: (a) phosphacycle ligands; (b) methods of using such phosphacycle ligands in bond forming reactions; and (c) methods of preparing phosphacycle ligands.

No. of Pages : 184 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.283/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AMIDE BASED GLUCAGON SUPERFAMILY PEPTIDE PRODRUGS

(51) International classification	:A61K38/26
(31) Priority Document No	:61/358188
(32) Priority Date	:24/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/040330
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/163012
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION
Address of Applicant :351 West 10th Street Indianapolis IN 46202 U.S.A.
(72)**Name of Inventor :**
1)DIMARCHI Richard D.
2)KOU Binbin

(57) Abstract :

Prodrug formulations of glucagon superfamily peptides are provided wherein the glucagon superfamily peptide has been modified by the linkage of a dipeptide to the glucagon superfamily through an amide bond linkage. The prodrugs disclosed herein have extended half lives and are converted to the active form at physiological conditions through a non enzymatic reaction driven by chemical instability.

No. of Pages : 1241 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER PLANT.

(51) International classification

:H02N

(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)SHELL INTERNATIONAL RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant :CAREL VAN BYLANDTLAAN 30,
NL-2596 HR, THE HAUGE, THE NETHERLANDS

(72)Name of Inventor :

1)MARWAH SUMITA

2)PATIL GANESH KRISNA

3)SCHRADER GUILLO ALEXANDER

(57) Abstract :

A process and a power plant (1) comprising a combustor (7) with a flue gas outlet (8) and one or more water selective separators (9) downstream the flue gas outlet to separate water from the flue gas. Optionally, a water return line (11) returns separated water from the water selective separator (9) to a water inlet of a CO shift cell (5) with an outlet feeding H2 enriched syngas to the combustor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.226/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MAGNETIC CODING SYSTEM WITH DEPOSIT OF MAGNETIC AREAS PRODUCED BY AT LEAST TWO MAGNETIC INK TYPES WITH DIFFERENT COERCITIVE FIELDS DEPOSITED IN AN AT LEAST PARTIAL OVERLAY

(51) International classification :G06K19/06,G06K19/12	(71) Name of Applicant :
(31) Priority Document No :TO2010A000568	1)FEDRIGONI S.P.A.
(32) Priority Date :01/07/2010	Address of Applicant :Viale Piave 3 I 37135 Verona Italy
(33) Name of priority country :Germany	(72) Name of Inventor :
(86) International Application No :PCT/EP2010/064323	1)LAZZERINI Maurizio
Filing Date :28/09/2010	2)MESSA Gianluca
(87) International Publication No :WO 2012/000568	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to a security element particularly for banknotes security cards passports identity cards and the like comprising at least one magnetic area formed of at least a first and a second magnetic material having at least one different magnetic property. The second magnetic material partially covers the first magnetic material. The first magnetic material is exposed at least at two sides of the second magnetic material such that both in a first extension direction of the security element and in a second extension direction perpendicular to the first extension direction there is a change from the first magnetic material to the second magnetic material. Further a method for reading a security element according to the invention a system for reading a security element according to the invention and a method for manufacturing a security element according the invention are described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.242/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HEADREST SUPPORT

(51) International classification	:B60N2/68,B60N2/48	(71)Name of Applicant :
(31) Priority Document No	:10 2010 024 637.9	1)JOHNSON CONTROLS GMBH
(32) Priority Date	:22/06/2010	Address of Applicant :Industriestrae 20 30 51399 Burscheid
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/003010	(72)Name of Inventor :
Filing Date	:17/06/2011	1)BAGIN Juraj
(87) International Publication No	:WO 2011/160795	2)LETTENMAYER Lars
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a headrest support for a headrest (5) having a headrest cushion which is provided on at least one holding rod (6) said holding rod being supported in a holding means (2) that is fixed to the frame (1) of a vehicle seat backrest with a connecting means (3). The holding means (2) and the connecting means (3) are provided in a single piece.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1242/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BODY WORN SYSTEM FOR CONTINOUS NONINVASIVE MEASUREMENT OF CARDIAC OUTPUT STROKE VOLUME CARDIAC POWER AND BLOOD PRESSURE

(51) International classification :A61B5/053
(31) Priority Document No :61/427756
(32) Priority Date :28/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067441
Filing Date :27/12/2011
(87) International Publication No :WO 2012/092303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SOTERA WIRELESS INC.
Address of Applicant :9444 Waples Street Suite 280 San Diego CA 92121 U.S.A.
(72)Name of Inventor :
1)BANET Matt
2)HENRY Isaac
3)BERNSTEIN Donald

(57) Abstract :

The invention provides a system for measuring stroke volume (SV) cardiac output (CO) and cardiac power (CP) from a patient having: 1) an impedance sensor connected to at least two electrodes with impedance circuit that processes analog signals from the electrodes to measure an impedance signal (TBEV waveform); 2) an ECG sensor connected to at least two electrodes and including an ECG circuit that processes analog signals from the electrodes to measure and ECG signal; 3) an optical sensor connected to a optical probe and including an optical circuit that processes signals from the probe to measure at least one optical signal from the patient; 4) a processing system that analyzes the ECG TBEV and optical signals to determine SV typically worn on the patient s wrist and connected through a wired interface to the optical sensor and through either a wired or wireless interface to the TBEV and ECG sensors.

No. of Pages : 84 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1871/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUTOMATIC DYE METER

(51) International classification :B01F13/10,B01F11/00,B01F15/00
(31) Priority Document No :TO2011A000232
(32) Priority Date :14/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2012/000069
Filing Date :12/03/2012
(87) International Publication No :WO 2012/123977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STAN ENGINEERING CORP. S.R.L.
Address of Applicant :Via del Bricco 1 I 12040 Salmour (CN)
Italy
(72)Name of Inventor :
1)SACCHET Alessandro

(57) Abstract :

An automatic dye meter (1) is described composed of at least one first compartment (3) for stocking and storing a plurality of bottles (5) containing the dyeing components each one of such bottles (5) being equipped with at least one plug equipped with pumping means for such component such bottles (5) being arranged inside such first compartment (3) according to a known order at least one second compartment (7) for batching such components from such bottles (5) to obtain a final dyeing compound inside at least one mixing container (9) arranged inside such second compartment (7) handling means (11) adapted to take at least one of such bottles (5) from such first compartment (3) transport such bottle (5) from such first compartment (3) to such second compartment (7) incline such bottle (5) actuate such pumping means to allow pouring and batching such component inside such mixing container (9) and take back such bottle (5) inside such first compartment (3).

No. of Pages : 5 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1872/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IN-LINE MEASURING DEVICE HAVING A MEASURING TUBE WHICH IS LINED WITH POLYURETHANE ON THE INSIDE, AND METHOD FOR PRODUCING IT

(51) International classification	:G01F 1/58,G01F 15/00
(31) Priority Document No	:102006026310.3
(32) Priority Date	:02/06/2006
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2007/055362
Filing Date	:31/05/2007
(87) International Publication No	:WO/2007/141194
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2760/MUMNP/2008
Filed on	:26/12/2008

(71)Name of Applicant :

1)ENDRESS+HAUSER FLOWTEC AG

Address of Applicant :KAEGENSTRASSE 7, CH-4153
REINACH, SWITZERLAND

(72)Name of Inventor :

1)RUCHEL, JOHANNES

2)STUENZI, ALEXANDER

3)SULZER, THOMAS

(57) Abstract :

The measuring tube (1) of the in-line measuring device is formed using a supporting tube (2) and a liner (3) which lines the inside of it and adheres to the supporting tube with the interposition of a mediating primer (4). Both the primer (4) and the liner (3) at least partially comprise polyurethane. In particular, both the polyurethane of the liner and the polyurethane of the primer are kept suitable for drinking water, so that the in-line measuring device is also suitable for measuring drinking water.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1873/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DRYING WET PARTICULATE MATTER WHEREIN THE DRIED PARTICULATE MATTER IS A WHITE MINERAL HAVING A BRIGHTNESS RY OF AT LEAST 65% THAT FORMS PARTICULATE MATTER THROUGH DRYING IN DIRECT SUPERHEATED STEAM DRYER

(51) International classification	:F26B11/16,F26B23/00	(71)Name of Applicant :
(31) Priority Document No	:11162729.5	1)OMYA INTERNATIONAL AG
(32) Priority Date	:15/04/2011	Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen
(33) Name of priority country	:EPO	SWITZERLAND
(86) International Application No	:PCT/EP2012/056494	(72)Name of Inventor :
Filing Date	:11/04/2012	1)BERGSET, OLAV
(87) International Publication No	:WO 2012/140028	2)CREMASCHI Alain
(61) Patent of Addition to Application Number	:NA	3)GUTSCHE Robert
Filing Date	:NA	4)HAUTCOEUR Ludovic
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for drying wet particulate matter wherein at least one feed stream (1) of wet particulate matter is contacted with superheated steam (6) within at least one drying chamber (40) with a mixing system and the dried particulate matter is discharged as at least one product stream (10) to obtain the dried particulate matter.

No. of Pages : 47 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VIDEO IMAGE CAPTURE AND IDENTIFICATION OF VEHICLES

(51) International classification	:G06T1/00
(31) Priority Document No	:1104168.8
(32) Priority Date	:11/03/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/000232
Filing Date	:09/03/2012
(87) International Publication No	:WO 2012/123696
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LIFE ON SHOW LIMITED
Address of Applicant :13 Priority Crescent Langstone
Newport NP18 2JF U.K.
(72)**Name of Inventor :**
1)PRICE Adam James

(57) Abstract :

A method and apparatus for capturing sorting and subsequently viewing an orbital image record of a vehicle the method comprising the steps in any suitable order of using imaging means (11 15) to capture an orbital moving image record of the vehicle in various orientations relative to the imaging means storing and sorting the captured orbital image record for each vehicle by reference to a unique identifier for that vehicle externally visible to the imaging means during image capture such as the vehicle licence or registration number to provide a continuous image record unique to the vehicle and thereafter selectively displaying (12) orbital images of the vehicle.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1916/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ALIGNMENT INTERLOCK FOR MOLDS AND DIES

(51) International classification	:B29C45/64,B29C45/17	(71)Name of Applicant :
(31) Priority Document No	:13/112599	1)PROGRESSIVE COMPONENTS INTERNATIONAL CORPORATION
(32) Priority Date	:20/05/2011	Address of Applicant :235 Industrial Drive Wauconda IL 60084 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/038495	1)STARKEY Glenn
Filing Date	:18/05/2012	2)RUMORE Kenneth
(87) International Publication No	:WO 2012/162118	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An alignment interlock for reciprocating tooling that includes a female lock having a central engagement area and a corresponding male lock having a profile shaped to matingly engage with the central engagement area. A plurality of particle rings are preferably formed on an engagement surface of the profile and an engagement ramp having a polished radiused lead in is preferably formed at a leading edge of the profile.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1917/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CURVED LENSES AND RELATED METHODS

(51) International classification :G02B5/30,B29C43/20,B29D11/00
(31) Priority Document No :61/475871
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000749
Filing Date :16/04/2012
(87) International Publication No :WO 2012/140501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)POLAROID EYEWEAR LTD.
Address of Applicant :Block 7 Vale of Leven Industrial Estate
Dunbarton G82 3PW U.K.
(72)Name of Inventor :
1)BOINARD Eric
2)BOINARD Pascal

(57) Abstract :

Curved lenses and methods for making curved lenses are described. One embodiment of a method of making a curved lens includes curving a lens blank made of a linear polarizer layer laminated together with a plurality of polymeric layers. The lens blank is curved by heating and pressing the lens blank between a convex member and a concave member at a first pressure ramping the pressure sigmoidally to a higher pressure over a period of time and maintaining the higher pressure for a time sufficient to allow the lens blank to conform to the shape of the convex member and concave member. Methods of the invention may be used to make curved lenses with different polarization properties and curvatures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1918/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM METHOD AND COMPUTER PROGRAM FOR TRAINING FOR MEDICAL EXAMINATIONS INVOLVING BODY PARTS WITH CONCEALED ANATOMY

(51) International classification :G09B9/00
(31) Priority Document No :61/477421
(32) Priority Date :20/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000359
Filing Date :20/04/2012
(87) International Publication No :WO 2012/142697
(61) 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 HOSPITAL FOR SICK CHILDREN
Address of Applicant :555 University Avenue Toronto Ontario
M5G 1X8 Canada
(72)Name of Inventor :
1)FORTE Vito
2)CAMPISI Paolo

(57) Abstract :

The present invention is a medical training simulation apparatus for training of medical professionals in medical examinations involving body parts with concealed geometry. The apparatus may comprise a physical model of a body part having an opening and structure that simulates the concealed geometry of a body part and may receive an inserted medical tool. A video display may be disposed within the structure of the apparatus to display at least one image of a physical defect or medical condition for the body part. The at least one image may be alterable such that its appearance simulates the appearance of the defect or medical condition within the concealed geometry when viewed using the medical tool in relation to an applicable human or animal subject patient. The training apparatus is operable for one or more simulations for training a trainee in a medical examination or procedure for a body part in accordance with a training method.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1925/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOTION VECTOR PREDICTION IN VIDEO CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/477561
(32) Priority Date :20/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034508
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145663
(61) 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 Attn:
International IP Administration San Diego California 92121 1714
U.S.A.
(72)Name of Inventor :
1)CHEN Ying
2)CHEN Peisong
3)KARCZEWICZ Marta

(57) Abstract :

Aspects of this disclosure relate to in an example a method that includes identifying a first block of video data in a first temporal location from a first view wherein the first block is associated with a first disparity motion vector. The method also includes determining a motion vector predictor for a second motion vector associated with a second block of video data wherein the motion vector predictor is based on the first disparity motion vector. When the second motion vector comprises a disparity motion vector the method includes determining the motion vector predictor comprises scaling the first disparity motion vector to generate a scaled motion vector predictor wherein scaling the first disparity motion vector comprises applying a scaling factor comprising a view distance of the second disparity motion vector divided by a view distance of the first motion vector to the first disparity motion vector.

No. of Pages : 76 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1926/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROHIBITING SOUNDING REFERENCE SIGNAL TRANSMISSION NEWLY ACTIVATED SECONDARY CELLS IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L5/00,H04W72/04
(31) Priority Document No :61/481468
(32) Priority Date :02/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051112
Filing Date :14/09/2011
(87) International Publication No :WO 2012/150886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)BOSTR-M Lisa
2)BALDEMAIR Robert
3)WIEMANN Henning

(57) Abstract :

In a wireless network supporting aggregation of uplink component carriers sounding reference signals SRS are transmitted (62) on an uplink UL primary component carrier. An activation command corresponding to an UL secondary component carrier SCC is received (64) in response to which the receiving transceiver determines (65) whether it has valid timing information for the UL SCC wherein valid timing information for the UL SCC indicates that the UL SCC is UL synchronized. In response to this determination transmission of SRS on the UL SCC is enabled (66) if the UL SCC is synchronized when SRS is configured for the UL SCC. Otherwise transmission of SRS on the UL SCC is prohibited (68) until the UL SCC is UL synchronized.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD TO MAKE A DECORATIVE ELEMENT WHICH CAN BE APPLIED ON SURFACES AND CORRESPONDING DECORATIVE ELEMENT

(51) International classification :B44C1/10,B44C1/14,B44C1/17
(31) Priority Document No :UD2011A000042
(32) Priority Date :22/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/000571
Filing Date :22/03/2012
(87) International Publication No :WO 2013/050816
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENEFINITY SRL
Address of Applicant :Piazza del Ponterosso 3 I 34121 Trieste
Italy
(72)**Name of Inventor :**
1)SCUOR Nicola
2)MAGGIOLINO Stefano

(57) Abstract :

Method to make a decorative element which can be applied on surfaces comprising a step (22 26) of making a decorative layer (12) made of high quality materials metal or non metal such as precious materials or precious or noble metals and their alloys on a support layer (11) in order to define a desired design or graphic motif wherein at least a sub step (22) is provided of depositing the high quality material by means of a physical vapor deposition (PVD) technique chosen from a group comprising; heat evaporation electronic beam evaporation or magnetron sputtering.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ANTICANCER THERAPEUTIC AGENTS

(51) International classification :A61K31/403

(31) Priority Document No :61/466508

(32) Priority Date :23/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/029972

Filing Date :21/03/2012

(87) International Publication No :WO 2012/173677

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION

Address of Applicant :351 West 10th Street Indianapolis IN 46202 U.S.A.

(72)Name of Inventor :

1)HICKEY Robert J.

2)MALKAS Linda H.

(57) Abstract :

The invention described herein pertains to anticancer therapeutic agents that exhibit preferential cytotoxicity to malignant cells that express a cancer specific isoform of proliferating cell nuclear antigen (caPCNA) compared to cytotoxicity to comparable non malignant cells pharmaceutical compositions comprising the agents and their use in cancer therapy.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1902/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEHICLE FRAME ASSEMBLY CAPABLE OF MOVING LOAD USE METHOD THEREOF AND TRANSPORTATION VEHICLE

(51) International classification	:B60P1/22,B62D21/00	(71)Name of Applicant :
(31) Priority Document No	:201110353931.6	1)CN NL WASTE SOLUTION CO. LTD
(32) Priority Date	:10/11/2011	Address of Applicant :Rm 1706 No.600 Luban Road Shanghai
(33) Name of priority country	:China	200023 China
(86) International Application No	:PCT/CN2011/002066	(72)Name of Inventor :
Filing Date	:12/12/2011	1)ZHONG Kai
(87) International Publication No	:WO 2013/067663	2)LIU Yanping
(61) Patent of Addition to Application	:NA	3)ZHANG Laihui
Number	:NA	4)HUANG Jiayan
Filing Date	:NA	5)LU Weiping
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle frame assembly capable of moving a load comprising a vehicle frame (1) a rolling slideway (11) a drive sprocket (20) a driven sprocket (30) a transmission chain (40) a tow hook device (50) a tow hook guide rail (60) and a power device (70); the rolling slideway (11) is axial symmetrically arranged on the vehicle frame (1); the drive sprocket (20) and the driven sprocket (30) are axially arranged on the vehicle frame (1) and are respectively engaged with the transmission chain (40); the tow hook device (50) is located between the drive sprocket (20) and the driven sprocket (30) and is towed by the transmission chain (40); and the output shaft of the power device (70) is connected to the drive sprocket (20) group. The vehicle frame assembly can simply move a dumpster onto the vehicle frame and easily load and unload a heavy dumpster with the cooperation of a transfer vehicle thus eliminating the need for a special hoisting apparatus improving automation level and transportation efficiency and satisfying the logistic requirements for quick and efficient garbage transportation. Also provided are a method for using the vehicle frame assembly and a transportation vehicle comprising a motor vehicle head a travel mechanism and the vehicle frame assembly.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SILICON DIOXIDE SOLAR CELL

(51) International classification :H01M14/00,H01L31/04
(31) Priority Document No :2011054609
(32) Priority Date :11/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056291
Filing Date :12/03/2012
(87) International Publication No :WO 2012/124655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

**1)INTERNATIONAL FRONTIER TECHNOLOGY
LABORATORY INC.**

Address of Applicant :KyodoTsushin Bldg. 2 5 Toranomom 2
chome Minato ku Tokyo 1050001 Japan

(72)Name of Inventor :

1)KOMATSU Nobuaki

2)ITO Tomoko

3)NAGAI Hiroki

4)NANJO Shin ichiro

(57) Abstract :

In order to increase the conversion efficiency of a silicon dioxide solar cell two conductive substrates are arranged so that the conductive surfaces thereof face each other at least one of the substrates is a transparent light entry side substrate a compact of silicon dioxide particles is disposed upon the substrate facing the light entry side substrate and an electrolyte is filled between the compact of silicon dioxide particles and the light entry side substrate. Silicon dioxide solar cells having this configuration exhibit a significantly increased short circuit current and discharge voltage in comparison to solar cells in which the silicon dioxide and the electrolyte are mixed. This configuration can further be improved by disposing a titanium dioxide solar cell or a dye sensitized titanium dioxide solar cell upon the light entry side substrate to further increase the short circuit current and the discharge voltage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2668/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND KITS FOR DIAGNOSING CONDITIONS RELATED TO HYPOXIA

(51) International classification :C12Q1/68
(31) Priority Document No :61/352,019
(32) Priority Date :07/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000444
Filing Date :06/06/2011
(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)ASHUR-FABIAN Osnat
Address of Applicant :6 Hagefen Street 42810 Zur Moshe
Israel.
(72)Name of Inventor :
1)ASHUR-FABIAN Osnat

(57) Abstract :

The present invention provides a method for detecting a condition associated with hypoxia in a subject a method for determining the severity of a condition associated with hypoxia a method for determining the effectiveness of a therapeutic treatment of a condition associated with hypoxia and a method for selecting a subject suffering from a condition associated with hypoxia to receive therapeutic treatment wherein the methods of the invention are based on measuring the level of a cell free Ribonucleic acid (RNA) of a p53 inducible gene in the subject. The present invention is also directed to kits for performing the method of the invention.

No. of Pages : 320 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1919/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BANKNOTE TRANSPORTER DEVICE THAT CAN BE FITTED TO AUTOMATIC AND SELF SERVICE TELLER MACHINES

(51) International classification :G07D11/00,G07F7/04
(31) Priority Document No :U 201130273
(32) Priority Date :15/03/2011
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2011/070575
Filing Date :04/08/2011
(87) International Publication No :WO 2012/123598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HART MONETIC S.A.
Address of Applicant :Avda. Camino de Lo Cortao 34 San
Sebasti;n de Los Reyes E 28700 Madrid Spain
(72)Name of Inventor :
1)LPEZ J MENEZ Miguel

(57) Abstract :

Banknote transporter device that can be fitted to automatic and self service teller machines which is characterized essentially in that it is constituted from a casing (1) in the form of a substantially elongate rectangular right parallelepiped the interior surface (2) of which is constituted by a ruled surface that has a slight outward convexity and in which there are entrainment pulleys (10) at each of the upper and lower ends of the casing (1) one of which pulleys is a drive pulley by virtue of a small motor (11) and between the two pulleys there are one or more conveyor belts (3) markedly narrower than the leading edge of a banknote there being on the convex profile sections (2) a number of rotary hinges (5) that actuate a movable stop (6) and an exit conduit (12) assisted by individual parallel profile sections (8) and (9).

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1920/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONNECTOR FOR DIALYSIS CONTAINER CONTAINER EQUIPPED WITH SUCH CONNECTOR MANUFACTURING AND FILLING METHOD FOR SUCH CONNECTORS AND CONTAINERS

(51) International classification	:A61M1/16,A61J1/14	(71)Name of Applicant :
(31) Priority Document No	:1154323	1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(32) Priority Date	:18/05/2011	Address of Applicant :Else Krner Str. 1 61352 Bad Homburg
(33) Name of priority country	:France	Germany
(86) International Application No	:PCT/EP2012/058829	(72)Name of Inventor :
Filing Date	:11/05/2012	1)EYRARD Thierry
(87) International Publication No	:WO 2012/156331	2)LAFFAY Philippe
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a container constituted by a receptacle designed to contain a solid product for dialysis and a connector (200) for connecting the receptacle to a dialysis machine the connector being equipped with a filling channel (202) that crosses it from one end to the other and that enable filling the receptacle with solid product; a fluid line (211 212 213) for introducing a solution making liquid into the receptacle said fluid line extending between a first connecting portion (211) that opens to the outside of the receptacle and an orifice (213) that opens to the inside of the receptacle; and a fluid line (221 222 223 224) for extracting the obtained solution from the receptacle said fluid line extending between a second connecting portion (221) that opens to the outside of the receptacle and an orifice (224) that opens to the inside of the receptacle the first connecting portion (211) and the second connecting portion (221) serving a means for connecting the corresponding fluid lines to the dialysis machine The container according to the invention is characterized by the fact that the filling channel (202) is open at both ends and that the two fluid lines (211 212 213; 221 222 223 224) are fluid tight between the orifice (213 224) that opens into the receptacle and the first or second connecting portion (221 221) respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1921/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COLD WATER RETRIEVAL SYSTEM

(51) International classification	:F03G7/05,B63G8/42
(31) Priority Document No	:1105738.7
(32) Priority Date	:05/04/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/000328
Filing Date	:30/03/2012
(87) International Publication No	:WO 2012/136967
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)DOUGLAS Edwards
Address of Applicant :89 Woodland Drive Hove Sussex BN3
6DF U.K.
(72)Name of Inventor :
1)DOUGLAS Edwards

(57) Abstract :

At present OTEC uses a cold water pipe to draw cold water from the deep sea the pipe must either lay on the sea bed which is generally at least 5 miles from the land or it must be suspended the OTEC pipe is so risky and expensive that OTEC is not commercially viable except in very ideal situations.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2791/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRE-CARBURIZED MOLYBDENUM-MODIFIED ZEOLITE CATALYST AND USE THEREOF FOR THE AROMATIZATION OF LOWER ALKANES

(51) International classification	:B01J29/48, C07C2/76
(31) Priority Document No	:10005263.8
(32) Priority Date	:20/05/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/002435
Filing Date	:17/05/2011
(87) International Publication No	:WO/2011/144319
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SAUDI BASIC INDUSTRIES CORPORATION
Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
(72)Name of Inventor :
1)JANA Suman Kumar

(57) Abstract :

The present invention relates to a method for producing a zeolite catalyst useful for aromatization of a lower alkane a zeolite catalyst useful for aromatization of a lower alkane obtainable by said method and a process for aromatization of a lower alkane using the zeolite catalyst of the present invention.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2708/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPOSITIONS FOR SUSTAINED RELEASE OF AGRICULTURAL MACRONUTRIENTS AND PROCESS THEREOF

(51) International classification	:C05C9/00, C05B1/00
(31) Priority Document No	:12/794,741
(32) Priority Date	:05/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/001545
Filing Date	:03/06/2011
(87) International Publication No	:WO/2011/151724
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SRI LANKA INSTITUTE OF NANOTECHNOLOGY (PVT) LTD
Address of Applicant :Lot 14 Zone 1 Biyagama Export Processing Zone Malwana Sri Lanka
(72)**Name of Inventor :**
1)KOTTEGODA Nilwala
2)MUNAWEERA Imalka
3)MADUSANKA A. Nadeesh
4)KARUNARATNE Veranja

(57) Abstract :

A macronutrient sustained release composition for a plant locus containing a nanocomposite wherein a nitrogen containing macronutrient compound adsorbed on the surface of hydroxyapatite phosphate nanoparticles is intercalated within the interlayer spacing of a nanoclay. The nanocomposite containing the adsorbed macronutrient compounds is slowly released in a sustained manner when contacted with an acidic soil.

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2709/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : A CELLULOSE BASED SUSTAINED RELEASE MACRONUTRIENT COMPOSITION FOR FERTILIZER APPLICATION

(51) International classification	:B01J13/02, C05C9/00, C05G1/00	(71)Name of Applicant : 1)SRI LANKA INSTITUTE OF NANOTECHNOLOGY (PVT) LTD
(31) Priority Document No	:61/351,928	Address of Applicant :Lot 14 Zone 1 Biyagama Export Processing Zone Walgama Malwana Sri Lanka
(32) Priority Date	:07/06/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)KOTTEGODA Nilwala
(86) International Application No	:PCT/IB2011/001715	2)MUNA WEERA Imalka
Filing Date	:06/06/2011	3)SAMARANAYAKE Lilantha
(87) International Publication No	:WO/2011/154843	4)GUNASEKARA Sunanda
(61) Patent of Addition to Application Number	:NA	5)DE ALWIS Ajith
Filing Date	:NA	6)KARUNARATNE Veranja
(62) Divisional to Application Number	:NA	7)MADUSANKA A. Nadeesh
Filing Date	:NA	

(57) Abstract :

A macronutrient sustained release composition for a plant locus having nitrogen containing macronutrient compound adsorbed on the surface of hydroxyapatite phosphate nanopartides and a process for preparation thereof. The macronutrient adsorbed hydroxyapatite phosphate nanopartides are encapsulated within cavities present in wood such that the biodegradation of the wood releases the adsorbed macronutrient compounds in a slow and sustained manner to the soil. Further the macronutrient particles are encapsulated within the cell cavities of wood and wood is coated with cellulose modified hydroxyapatite phosphate nanopartides such that the rupture of the nanocoating initiates the nitrogen release followed by the biodegradation of the wood releases the rest of the adsorbed macronutrient compounds in a slow and sustained manner to the soil.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1932/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COVERING FOR ARCHITECTURAL OPENING INCLUDING THERMOFORMABLE SLAT VANES

(51) International classification :E06B9/262

(31) Priority Document No :61/476187

(32) Priority Date :15/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/033674

Filing Date :13/04/2012

(87) International Publication No :WO 2012/142522

(61) 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 New York
10965 U.S.A.

(72)Name of Inventor :

1)COLSON Wendell B.

2)SWISZCZ Paul G.

(57) Abstract :

A covering an architectural opening including a support tube and a panel operably connected to the support tube and configured to be wound around the support tube. The panel includes a support sheet and at least one vane or slat connected to the support sheet. The at least vane includes a vane material operably connected to a first side of the support sheet and a support member operably connected to the vane material and configured to support the vane material at a distance away from the support sheet when the panel is in an extended position with respect to the support tube.

No. of Pages : 43 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COVERING FOR ARCHITECTURAL OPENING INCLUDING CELL STRUCTURES BIASED TO OPEN

(51) International classification	:A47H23/02
(31) Priority Document No	:61/476187
(32) Priority Date	:15/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/033670
Filing Date	:13/04/2012
(87) International Publication No	:WO 2012/142519
(61) 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 New York
10965 U.S.A.
(72)**Name of Inventor :**
1)COLSON Wendell B.
2)SWISZCZ Paul G.

(57) Abstract :

A covering an architectural opening including a support tube and a panel operably connected to the support tube and configured to be wound around the support tube. The panel includes a support sheet and at least one cell operably connected to the support sheet. The at least one cell includes a vane material operably connected to a first side of the support sheet and a cell support member operably connected to the vane material and configured to support the vane material at a distance away from the support sheet when the panel is in an extended position with respect to the support tube.

No. of Pages : 75 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2764/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : NEUTRON REFLECTOR BLOCK, SIDE REFLECTOR INCLUDING THE NEUTRON REFLECTOR BLOCK AND NUCLEAR REACTOR HAVING SUCH SIDE REFLECTOR

(51) International classification	:G21C11/06, G21F3/04
(31) Priority Document No	:2010/04028
(32) Priority Date	:04/06/2010
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2011/052437
Filing Date	:03/06/2011
(87) International Publication No	:WO/2011/151801
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PEBBLE BED MODULAR REACTOR SOC LTD
Address of Applicant :BUILDING G, LYTTLETOWN
OFFICE PARK, 1 SHELAN TI AVENUE, CENTURION, 0046,
SOUTH AFRICA.

(72)**Name of Inventor :**
1)ERASMUS Christiaan
2)HINDLEY Michael Philip

(57) Abstract :

The invention relates to a neutron reflector block (10). The neutron reflector block comprises a first portion (12) and a second portion (18). The first portion has a first end face (14) and oppositely located intermediate shoulders (16A 16B) which are spaced from the first end face. The first end face and the intermediate shoulders are bounded by spaced side faces (22A 22B) and spaced upper and lower faces (24A 24B). The second portion protrudes from the first portion between the intermediate shoulders and has spaced side faces (26A 26B) and spaced upper and lower faces (28A 28B). The second portion side faces are more narrowly spaced relative to the first portion side faces. The second portion also has a second end face (20) located oppositely to the first end face.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1880/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS FOR DETERMINING LIGAND BINDING TO A TARGET PROTEIN USING A THERMAL SHIFT ASSAY

(51) International classification	:G01N33/68
(31) Priority Document No	:1106548.9
(32) Priority Date	:18/04/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/050853
Filing Date	:18/04/2012
(87) International Publication No	:WO 2012/143714
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EVITRAPROTEOMA AB
Address of Applicant :Scheelelaboratoriet Scheeles vg 2 Box
23052 S 10435 Stockholm Sweden
2)GARDNER Rebecca
(72)**Name of Inventor :**
1)NORDLUND Pr

(57) Abstract :

The invention is directed to a method of determining whether a non purified sample contains a target protein bound to a ligand of interest comprising the steps of: a) exposing said non purified sample to a temperature which is capable of causing or enhancing precipitation of the unbound target protein to a greater extent than it is capable of causing or enhancing precipitation of the target protein bound to said ligand; b) processing the product of step a) in order to separate soluble from insoluble protein; and c) analysing either or both the soluble and insoluble protein fractions of step b) for the presence of target protein wherein said target protein is not detected on the basis of enzymatic activity of a tag peptide polypeptide or protein fused thereto. Particularly the invention may be used to determine whether drugs can bind to their protein targets in samples derived from patients to ascertain whether a certain drug can be used in a therapy for that patient. Additionally the invention is directed to an instrument for use in the methods of the invention and use of a kit in the methods of the invention comprising an antibody and/or a non protein fusion tag.

No. of Pages : 54 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1881/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MACROPHAGE ACTIVATING FACTOR FOR PHARMACEUTICAL COMPOSITIONS

(51) International classification :A61K38/14

(31) Priority Document No :61/472642

(32) Priority Date :07/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2012/000159

Filing Date :05/04/2012

(87) International Publication No :WO 2012/137199

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EFRANAT LTD.

Address of Applicant :7 Openhiemer Street 76701 Rehovot
Israel

(72)Name of Inventor :

1)YAMAMOTO Nobuto

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising macrophage activating factor (MAF) and method of producing same particularly to MAF compositions essentially devoid of glycosidase enzymes. The compositions of the present invention and pharmaceutical compositions comprising same are particularly suitable for intravenous administration. Thus according to one aspect the present invention provides a composition comprising Gc protein derived macrophage activating factor (GcMAF) wherein the composition is essentially devoid of glycosidase enzymes.

No. of Pages : 23 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGH EFFICIENCY COOLING SYSTEM

(51) International classification :H05K7/20
(31) Priority Document No :61/476783
(32) Priority Date :19/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033740
Filing Date :16/04/2012
(87) International Publication No :WO 2012/145263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LIEBERT CORPORATION

Address of Applicant :1050 Dearborn Drive Columbus Ohio
43085 U.S.A.

(72)Name of Inventor :

1)JUDGE John F.

2)SCHRADER Timothy J.

3)SILLATO Stephen

4)NOLL Roger

5)HELMINK Gary A.

6)BARBATO Pierpaolo

7)MANA Giuseppe Dalla

8)MONNIER Lou

9)LIN Zhiyong

10)DOLCICH Benedict J.

11)SCHUTTE Daniel J.

12)HAGGY Greg

13)HARVEY Thomas

14)LU Zongtao

(57) Abstract :

A cooling system has a cabinet and a plurality of separate cooling stages including an upstream cooling stage and a downstream cooling stage. At least the upstream cooling state is a variable capacity cooling stage. Each cooling stage has a cooling circuit. Evaporators of the cooling circuits are arranged in the cabinet so that air passes over them in serial fashion. A controller when a Call for Cooling first reaches a point where cooling is needed operating the upstream cooling circuit to provide cooling and not the downstream cooling circuit. When the Call for Cooling has increased to a second point the controller additionally operates the downstream cooling circuit to provide cooling. The cooling capacity at which the upstream cooling circuit is being operated is less than its full capacity when the Call for Cooling reaches the second point.

No. of Pages : 93 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HAEMOSTATIC MATERIAL

(51) International classification	:A61F13/00, a61K38/39
(31) Priority Document No	:1104175.3
(32) Priority Date	:11/03/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/050542
Filing Date	:12/03/2012
(87) International Publication No	:WO 2012/123728
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDTRADE PRODUCTS LIMITED

Address of Applicant :Electra House Crewe Business Park
Crewe Cheshire U.K. Lancashire CW1 6GL U.K.

(72)Name of Inventor :

1)HARDY Craig

2)EASON Guy

3)HOGGARTH Andrew

(57) Abstract :

The present invention relates to a haemostatic material comprising a haemostat agent and a bioadhesive agent. Such a haemostatic material is useful for example in effectively controlling bleeding with a reduced compression period compared to the TCCC guidance of a minimum of three minutes compression using a haemostatic bandage.

No. of Pages : 28 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PLUG CONNECTOR USE THEREOF FOR PROTECTING AN ELECTRICAL SYSTEM AGAINST SURGE DISCHARGE AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :H01R13/66,H01R43/18,H02H9/04
(31) Priority Document No :10 2011 050 567.9
(32) Priority Date :23/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/100153
Filing Date :22/05/2012
(87) International Publication No :WO 2012/159626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STIMPFL Kurt
Address of Applicant :Am Seeschlag 16 93195 Wolfsegg
Germany
(72)Name of Inventor :
1)STIMPFL Kurt

(57) Abstract :

The invention relates to a plug connector for protecting an electrical system in particular an electronic apparatus a semiconductor element or wiring harness against surge discharge wherein the plug connector comprises contact pins that are embedded in a plastic body wherein the plastic has a region between the contact pins that (a) in an operating range up to a cut off voltage has an electrical resistance with a substantially electrically insulating property and (b) above the cut off voltage has a reduced electrical resistance enabling surges between the contact pins to discharge. The invention further relates to a method for producing the plug connector and to the use thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR CONTROLLING A CURRENT INTERRUPTING DEVICE IN A HIGH VOLTAGE ELECTRICAL NETWORK

(51) International classification	:H02H9/00
(31) Priority Document No	:1153779
(32) Priority Date	:03/05/2011
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2012/057933
Filing Date	:30/04/2012
(87) International Publication No	:WO 2012/150225
(61) 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)JUNG Thierry

2)LIU Tian

3)SIGUERDIDJANE Houria

4)PETIT Marc

(57) Abstract :

The invention relates to a method for controlling a current interrupting device to estimate the value of the residual flux of a power transformer when the latter is turned off in a high voltage electrical network said estimation being carried out from voltage measurements output by a capacitor voltage transformer by correcting the transfer function of the capacitor voltage transformer wherein said value is output to a controller which determines the optimum time for switching the current interrupting device.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOOR OPENING CLOSING DEVICE FOR ELEVATOR

(51) International classification :B66B13/08

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2011/060502

Filing Date :02/05/2011

(87) International Publication No :WO 2012/150624

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FUJITEC CO. LTD.

Address of Applicant :591 1 Miyata cho Hikone shi Shiga
5228588 Japan

(72)Name of Inventor :

1)KASHIWAKURA Hiroshi

(57) Abstract :

It is made possible to suitably prevent a drive motor-bracket structure from being used as a foothold in maintenance checks on an elevator, even if a drive motor is attached to the front of an upper frame via a bracket for the purpose of reducing the total height of an elevator car. An elevator door opening and closing device in which an openable and closable car door is provided at an entrance of an elevator car and a drive motor is coupled to the car door via a transmission mechanism is characterized in that: the drive motor is attached via a bracket to a front of an upper frame provided above the entrance of the elevator car; and an upper part of a drive motor-bracket structure is inclined.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DEVICE BASED PASSWORD LESS USER AUTHENTICATION USING ENCRYPTION

(51) International classification	:H04L9/00
(31) Priority Document No	:1464/MUM/2011
(32) Priority Date	:13/05/2011
(33) Name of priority country	:India
(86) International Application No	:PCT/IB2011/053540
Filing Date	:09/08/2011
(87) International Publication No	:WO 2012/156785
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHENOY Gurudatt

Address of Applicant :17 Radha Kunj Road No 4 Pestom
Sagar Chembur Mumbai 400 089 Maharashtra India

(72)Name of Inventor :

1)SHENOY Gurudatt

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods for user authentication or identification in network based activities wherein the authentication or identification is done using a code derived from a single level user input and a unique key generated in connection with a user electronic device preferably in real time. The system thereby eliminates the requirement of a user to enter a conventional two or multi level user input such as a user name and password and thus provides a password less authentication system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1053/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR COMMUNICATING TRANSMISSION BACKLOG INFORMATION

(51) International classification	:H04W72/12, H04L12/26
(31) Priority Document No	:60/752,973
(32) Priority Date	:22/12/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/048520
Filing Date	:20/12/2006
(87) International Publication No	:WO/2007/075741
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1115/MUMNP/2008
Filed on	:04/06/2008

(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

(72)Name of Inventor :

1)DAS, Arnab

2)LAROIA, Rajiv

3)LI, Junyi

(57) Abstract :

An uplink dedicated control channel reporting structure includes a plurality of different bit size reports, e.g. 1 bit, 3 bit and 4 bit reports, for reporting a wireless terminals backlog information of uplink traffic request group queues. Smaller bit size reports are transmitted more frequently than larger reports. A 1 bit request report indicates whether or not there are any MAC frames of information to be communicated in a set of two request group queues. A 3 bit request report indicates an amount of backlog information corresponding to a first set of request group queues and a second set of request group queues. A 4 bit request report indicates an amount of backlog information corresponding to a set of request group queues. The 4 bit request report is capable of reporting information on any of a plurality of uplink traffic channel request group queues being maintained by the wireless terminal.

No. of Pages : 208 No. of Claims : 15

(54) Title of the invention : MAGNETICALLY ENHANCED RESIN

(51) International classification :C08L101/00,C08K3/08,C08K5/3415
 (31) Priority Document No :2011-109846
 (32) Priority Date :16/05/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/053784
 Filing Date :17/02/2012
 (87) International Publication No :WO 2012/157304
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TANAKA SEIMITSU KOGYO CO. LTD.

Address of Applicant :7 10 Shinjohonmachi 2 chome Toyama shi Toyama 9300996, Japan

(72)Name of Inventor :

1)TANINO Katsumi**2)KAWAMOTO Michio****3)KAKUTANI Yoshihiro**

(57) Abstract :

The main purpose of the present invention is to provide a magnetically enhanced resin or the like having increased magnetic permeability. The magnetically enhanced resin is characterized by containing a ferromagnetic substance a compound having a macrocyclic p electronic structure and an adhesive resin. The ferromagnetic substance is preferably a powder of a Fe Ni alloy a Fe Ni Mo alloy a Fe Ni Cu alloy or a Fe Al Si alloy. The ferromagnetic substance is also preferably a powder of Permalloy Supermalloy Sendust or a ferrite. The compound having a macrocyclic p electronic structure is preferably phthalocyanine porphyrin polycyanine or substitution products thereof or ligands thereof with a metal. The adhesive resin is preferably an epoxy resin a melamine resin a polyimide resin a polycarbonate resin a phenolic resin or a fluorosilicone resin. The average particle size of the ferromagnetic powder is preferably 0.1 100 µm.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1923/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR MANUFACTURING AND UTILIZING FERRITIC AUSTENITIC STAINLESS STEEL

(51) International classification:C22C38/00,C21D6/00,C22C38/02

(31) Priority Document No :PCT/FI2011/050345

(32) Priority Date :18/04/2011

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2012/050379

Filing Date :18/04/2012

(87) International Publication No :WO 2012/143610

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OUTOKUMPU OYJ

Address of Applicant :Riihitontuntie 7 FI 02200 Espoo
Finland

(72)Name of Inventor :

1)OLIVER James

2)JONSSON Jan Y.

3)TALONEN Juho

4)PETTERSSON Rachel

5)ANDERSSON Jan Olof

(57) Abstract :

The invention relates to a method for manufacturing a ferritic austenitic stainless steel having good formability good weldability and high elongation. The stainless steel containing the sum of carbon and nitrogen C+N in the range 0.17 - 0.295 in weight % in which sum C+N a lower carbon content to avoid sensitisation during welding is compensated by an increased nitrogen content to maintain formability is heat treated so that the microstructure of the stainless steel contains 45-75 % austenite in the heat treated condition the remaining microstructure being ferrite and the measured M temperature of the stainless steel is adjusted between 0 and 50 °C in order to utilize the transformation induced plasticity (TRIP) for improving the formability of the stainless steel.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1897/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VACUUM SOLAR THERMAL PANEL PROVIDED WITH AN INTERNAL PRESSURE INDICATOR

(51) International classification :F24J2/50,F24J2/46

(31) Priority Document No :11168174.8

(32) Priority Date :31/05/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/002126

Filing Date :18/05/2012

(87) International Publication No :WO 2012/163483

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TVP SOLAR SA

Address of Applicant :36 place du Bourg de Four CH 1204

Geneva SWITZERLAND

(72)Name of Inventor :

1)PALMIERI Vittorio

(57) Abstract :

The present application relates to a vacuum solar thermal panel (1) of the type comprising: a vacuum tight envelope (10) having at least a front plate (11) transparent to solar radiation and a support structure (12) for said front plate (11); heat absorbing means enclosed within said vacuum tight envelope (10); and main getter means for keeping a vacuum condition within the vacuum envelope (10); wherein the vacuum solar thermal panel (1) further comprises a pressure indicator spot (13) of reactive material deposited on an inner side of said front plate (11) said reactive material undergoing a reaction noticeable from the outside of the vacuum tight envelope (11) when the pressure within said envelope exceeds a given threshold.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1898/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PACKAGING

(51) International classification :B65D23/12,B65D21/02
(31) Priority Document No :11162118.1
(32) Priority Date :12/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056141
Filing Date :04/04/2012
(87) International Publication No :WO 2012/139942
(61) 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)GALLAGHER David

(57) Abstract :

A package (1) comprising a reservoir containing a flowable composition (5) in combination with a dispenser (7a) for dispensing the flowable composition characterised in that the reservoir comprises a reservoir aperture (9) in which the dispenser is releasably retained.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1899/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HAIR CARE COMPOSITION

(51) International classification :A61K8/19,A61K8/368,A61Q5/06
(31) Priority Document No :11162205.6
(32) Priority Date :13/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056161
Filing Date :04/04/2012
(87) International Publication No :WO 2012/139948
(61) 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)AINGER Nicholas John

2)BATCHELOR Stephen Norman

3)BURNHAM Neil Stephen

4)RILEY Robert George

(57) Abstract :

A kit for colouring hair comprising: (i) a first aqueous composition comprising iron where the iron is present as a complex of gluconate and/or lactate; (ii) a second aqueous second composition which comprises of a polyphenol selected from methyl gallate ethyl gallate propyl gallate or mixtures thereof.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIQUID CARRIER FOR ORAL DELIVERY OF A PHARMACOLOGICALLY ACTIVE AGENT

(51) International classification	:A61K47/44,A61K9/10	(71)Name of Applicant :
(31) Priority Document No	:11002920	1)LIPIDOR AB
(32) Priority Date	:18/04/2011	Address of Applicant :Brunbrsvgen 2 S 11421 Stockholm
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2012/000054	(72)Name of Inventor :
Filing Date	:20/04/2012	1)CARLSSON Anders
(87) International Publication No	:WO 2012/144943	2)HERSL-F Bengt
(61) Patent of Addition to Application	:NA	3)HOLMB,,CK Jan
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fluid carrier comprises first and second substantially immiscible liquids. The first liquid is an open chain silicone oil of the formula [(CH)Si O] [(CH)Si O] [Si(CH)]. The second liquid is a polar lipid material. The first and second liquids are capable of forming an unstable dispersion. The unstable dispersion can be stabilized by adding a powdery solid insoluble in the liquids. The powdery solid is selected from pharmacologically active agent pharmaceutical excipient and their mixtures. The stabilized dispersion is of a creamy or ointment like or mouldable form and can be filled into capsules or moulded into tablets so as to be fit for peroral administration.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1888/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OIL IN WATER EMULSIONS

(51) International classification :A61K8/06,A61K8/34,A61K8/37
(31) Priority Document No :11162004.3
(32) Priority Date :12/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053611
Filing Date :02/03/2012
(87) International Publication No:WO 2012/139817
(61) 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 Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor :

1)SMITH Christopher

2)UNALI Giovanni Francesco

(57) Abstract :

The invention provides an oil in water emulsion suitable for cosmetic or personal care use the emulsion comprising: a) a aqueous continuous phase; b) a dispersed oil phase and c) optionally a nonionic emulsifier; in which the aqueous continuous phase is structured by a dispersed modified cellulose biopolymer wherein the modification consists of the cellulose having its C6 primary alcohols oxidised to carboxyl moieties (acid/COOH) on 10 to 70% of the glucose units and substantially all the remainder of the C6 positions occupied by unmodified primary alcohols; and in which the emulsion comprises less than 0.2 wt% anionic surfactant (by total weight anionic surfactant based on the total weight of the emulsion).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1889/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STRUCTURED AQUEOUS SURFACTANT SYSTEMS

(51) International classification :C11D3/22,A61K8/73,B01F17/52
(31) Priority Document No :11162005.0
(32) Priority Date :12/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053612
Filing Date :02/03/2012
(87) International Publication No :WO 2012/139818
(61) 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)UNALI Giovanni Francesco

(57) Abstract :

The invention provides a structured aqueous surfactant system comprising: a) at least 0.1 wt% nonionic surfactant which is a polyoxyethylene nonionic surfactant having a hydrophilic head group with at least four oxyethylene units; b) from 0.5 to 5 wt% dispersed modified cellulose biopolymer wherein the modification consists of the cellulose having its C6 primary alcohols oxidised to carboxyl moieties (acid/COOH) on 10 to 70% of the glucose units and substantially all the remainder of the C6 positions occupied by unmodified primary alcohols; c) from 0 to 10 wt% non surfactant electrolyte and d) water.

No. of Pages : 27 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1876/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPOSITION COMPRISING PROBIOTIC BACTERIA CAPABLE OF RESTORING THE BARRIER EFFECT OF THE STOMACH WHICH IS LOST DURING PHARMACOLOGICAL TREATMENT OF GASTRIC HYPERACIDITY

(51) International classification :A61K35/74,A23L1/29,C12R1/225
(31) Priority Document No :MI2011A000679
(32) Priority Date :20/04/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/000779
Filing Date :18/04/2012
(87) International Publication No :WO 2012/143787
(61) 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 (NO)
Italy
(72)Name of Inventor :
1)MOGNA Giovanni

(57) Abstract :

The present invention relates to a composition comprising probiotic bacteria for use in the pharmacological treatment of gastric hyperacidity. Said composition is capable of restoring the barrier effect of the stomach which is lost during pharmacological treatment of gastric hyperacidity and of minimizing the secondary effects due to said pharmacological treatment.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1877/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTILAYER COLOUR CHANGE MATERIAL

(51) International classification :G09F9/37,G02B26/02,G02B5/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/056676
Filing Date :27/04/2011
(87) International Publication No :WO 2012/146281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCHMIDT WOLF Ingo
Address of Applicant :Sigmund Freud Str. 25 53105 Bonn
Germany
(72)Name of Inventor :
1)SCHMIDT WOLF Ingo

(57) Abstract :

Multilayer colour change material comprising a transparent or translucent top layer a first colour layer comprising 2 flexible foils a second colour layer comprising 2 flexible foils a third colour layer comprising 2 flexible foils a fourth colour layer comprising 2 flexible foils a fifth colour layer comprising 2 flexible foils whereby the first to third colour layer are each connected with a colour fluid reservoir device which allows to influx colour fluid from a colour fluid reservoir into a space between the 2 flexible foils and which allows to drain colour fluid from the space between the 2 flexible foils back into the colour fluid reservoir device and whereby the fourth colour layer is connected with a black fluid reservoir device which allows to influx a black fluid from the black fluid reservoir into a space between the 2 flexible foils and which allows to drain black fluid from the space between the 2 flexible foils back into the black fluid reservoir device and whereby the fifth colour layer is connected with a transparent fluid reservoir device which allows to influx a transparent fluid from the transparent fluid reservoir device into a space between the 2 flexible foils and which allows to drain transparent fluid from the space between the 2 flexible foils back into the transparent fluid reservoir device and a back layer.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FAST RESELECTION BETWEEN DIFFERENT RADIO ACCESS TECHNOLOGY NETWORKS

(51) International classification :H04W48/20,H04W24/10
(31) Priority Document No :1105590.2
(32) Priority Date :01/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2012/051596
Filing Date :02/04/2012
(87) International Publication No :WO 2012/131655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RENESAS MOBILE CORPORATION
Address of Applicant :6 2 Otemachi 2 Chome Chiyoda Ku
Tokyo Japan
(72)**Name of Inventor :**
1)MARTIN Brian
2)GEARY Stuart
3)CHARLES Alexander Graham
4)FRANKLIN Steven
5)TOOLEY James
6)CALLENDER Christopher

(57) Abstract :

A user equipment UE (20) determines that a neighbour cell (26) is higher priority than a serving cell (22) measures neighbour cell signal strength in $n > 1$ iterations and analyzes them for reselecting from the serving cell (22) to the neighbour cell (26). Each measurement iteration is spaced from one another by a time interval (e.g. 1 DRX) that is specific for the neighbour cell (26) being higher priority. In various embodiments the UE (20) measures while in a Cell PCH URA PCH or idle state/mode and the first iteration is taken at the first available measurement opportunity after transitioning to that state/mode. The UE (20) reselects to the neighbour cell (26) based on the analyzed signal strengths; in one embodiment the decision to reselect is without regard to signal quality of the serving cell (22); and in another the decision is without regard to whether a reselection condition remains satisfied for a specified time period T.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SURFACE-TREATED CALCIUM CARBONATE AND ITS USE IN WASTE WATER TREATMENT

(51) International classification	:B01J20/04,C02F1/28	(71)Name of Applicant :
(31) Priority Document No	:07005856.5	1)OMYA DEVELOPMENT AG
(32) Priority Date	:21/03/2007	Address of Applicant :BASLERSTRASSE 42, CH-4665
(33) Name of priority country	:EPO	OFTRINGEN, SWITZERLAND.
(86) International Application No	:PCT/EP2008/053337	(72)Name of Inventor :
Filing Date	:19/03/2008	1)GANE PATRICK A. C.
(87) International Publication No	:WO/2008/113840	2)SCHOELKOPF JOACHIM
(61) Patent of Addition to Application	:NA	3)GANTENBEIN DANIEL
Number	:NA	4)GERARD DANIEL E.
Filing Date	:NA	
(62) Divisional to Application Number	:1442/MUMNP/2009	
Filed on	:30/07/2009	

(57) Abstract :

The present invention relates to a process for the purification of water, wherein a surface-reacted natural calcium carbonate is brought into contact with the water to be purified, the surface-reacted natural calcium carbonate being the reaction product of a natural calcium carbonate with an acid and carbon dioxide, which is formed in situ by the acid treatment and/or supplied externally.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1878/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LASER VIDEO ENDOSCOPE

(51) International classification	:A61B1/04
(31) Priority Document No	:13/084789
(32) Priority Date	:12/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/032483
Filing Date	:06/04/2012
(87) International Publication No	:WO 2012/141980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ENDO OPTIKS CORPORATION
Address of Applicant :39 Sycamore Avenue Little Silver NJ
07739 U.S.A.
(72)**Name of Inventor :**
1)URAM Martin

(57) Abstract :

A laser video endoscope provides a small diameter (25 mils) probe. This size probe requires a minimum access lesion. The tradeoff that produces such a probe includes reducing the laser guide fiber to 100 microns in diameter employing an image bundle having approximately 6 000 optical fibers and an illumination bundle having only about 210 optical fibers. The probe where it extends into the handle has a 45 mil outer diameter and a 5 mil thick sidewall to provide resistance to breaking at the juncture with the handle. The probe is rigid preferably metal. The probe has a larger diameter proximal portion and a smaller diameter distal portion. The distal portion of the probe has a length limited to about 710 mils. A green laser of 532 nanometers wavelength provides a collimated laser beam that causes minimal loss in the 100 micron laser optical fiber.

No. of Pages : 15 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1879/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SELF CLEANING SURGICAL SUCTION DEVICE

(51) International classification :A61M1/00,A61M27/00,A61B19/00
(31) Priority Document No :61/464922
(32) Priority Date :14/03/2011
(33) Name of priority country:U.S.A.
(86) International Application No:PCT/US2012/029131
Filing Date :14/03/2012
(87) International Publication No:WO 2012/125769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEURO ENTERPRISES LLC
Address of Applicant :P.O. Box 57387 Chicago IL 60657 U.S.A.
(72)Name of Inventor :
1)SALEHI Sean A.
2)WICKHAM Jeff

(57) Abstract :

A surgical suction device is disclosed that includes a suction tube having a first longitudinal axis a proximal opening and a distal opening; a guide tube that is substantially coextensive with and parallel to the suction tube and has a second longitudinal axis a proximal opening and a distal opening; a stylet having a proximal end and a distal end; and a junction conduit having a proximal opening and a distal opening; wherein the stylet is disposed along the second longitudinal axis and encircled by the guide tube and the proximal opening of the junction conduit is in contact with the distal opening of the suction tube and the distal opening of the guide tube such that the distal opening of the junction conduit is in fluid communication with the suction tube and urging the stylet through the guide tube along the second longitudinal axis through the junction conduit translates the distal end of the stylet to the distal opening of the junction conduit.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VARIABLE SUCTION EXHAUST

(51) International classification	:F01N13/08
(31) Priority Document No	:61/480835
(32) Priority Date	:29/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/035641
Filing Date	:27/04/2012
(87) International Publication No	:WO 2012/149462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIRESTAR ENGINEERING LLC

Address of Applicant :1122 Flightline Road #76 Mojave
California 93501 U.S.A.

(72)Name of Inventor :

1)MUNGAS Gregory

2)BUCHANAN Larry

(57) Abstract :

A throttleable exhaust venturi (700) is described herein that generates strong suction pressures at an exhaust outlet (718) by accelerating an incoming ambient fluid stream with the aid of a venturi to high gas velocities and injecting a combustion exhaust stream into the ambient fluid stream at an effective venturi throat (728). A mixing element (544) downstream of the venturi throat ensures that the mixed fluid stream recovers from a negative static pressure up to local atmospheric pressure. A physical (724) and the effective (728) throat of the venturi (700) are designed to promote mixing and stabilize the ambient fluid flow to ensure that high velocity is achieved and the effective venturi is operable over a variety of combustion exhaust stream mass flow rates.

No. of Pages : 65 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1908/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR EFFICIENT DELIVERY OF COMPOUNDS TO OR THROUGH THE SKIN OR BIOLOGICAL BARRIERS USING LIGHT ABSORBING THIN FILMS

(51) International classification	:A61M37/00,G10K15/04	(71)Name of Applicant :
(31) Priority Document No	:105635	1)UNIVERSIDADE DE COIMBRA
(32) Priority Date	:19/04/2011	Address of Applicant :Reitoria Paço das Escolas P 3004 531
(33) Name of priority country	:Portugal	Coimbra Portugal
(86) International Application No	:PCT/PT2012/000013	(72)Name of Inventor :
Filing Date	:19/04/2012	1)FERREIRA DE S Gonçalo Fernando
(87) International Publication No	:WO 2012/144916	2)DE SERPA SOARES Carlos Alberto Lourenço
(61) Patent of Addition to Application Number	:NA	3)DA SILVA ARNAUT MOREIRA Lus Guilherme
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention refers to a device capable of rapidly and efficiently converting the energy in a laser pulse into a high-impulse broadband pressure wave and to its applications in the transient permeabilization of a biological membrane, including the outer layers of the skin, without causing damage or discomfort. A method to deliver drugs and biologically active compounds to or through the skin, or biological barriers, with this device is also disclosed.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1909/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOLD MONITORING

(51) International classification	:B29C45/17,B29C45/76	(71)Name of Applicant :
(31) Priority Document No	:13/115197	1)PROGRESSIVE COMPONENTS INTERNATIONAL CORPORATION
(32) Priority Date	:25/05/2011	Address of Applicant :235 Industrial Drive Wauconda IL
(33) Name of priority country	:U.S.A.	60084 U.S.A.
(86) International Application No	:PCT/US2012/037821	(72)Name of Inventor :
Filing Date	:14/05/2012	1)STARKEY Glenn
(87) International Publication No	:WO 2012/162014	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A monitor for maintaining a mold cycle count and other mold operation data and a corresponding system that generates a first remote record of the mold cycle data and a second remote record of the mold cycle data the second remote record comprising a lesser different and/or non confidential version of the first remote record. The first remote record and the second remote record may then be coordinated among an OEM manufacturer a moldmaker and a molder.

No. of Pages : 42 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2813/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF ASSEMBLING A TUBULAR BUILDING STRUCTURE BY USING SCREW SOCKETS

(51) International classification	:E04H12/34
(31) Priority Document No	:PA 2010 70330
(32) Priority Date	:13/07/2010
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2011/050262
Filing Date	:04/07/2011
(87) International Publication No	:WO/2012/007000
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANDRESEN TOWERS A/S

Address of Applicant :Lindholm Havnevej 33 DK-5800
Nyborg, Denmark

(72)Name of Inventor :

1)ANDRESEN, Tom

(57) Abstract :

The present invention relates to a method of assembling a tubular building structure 1 comprising a circumferential wall structure formed from a plurality of wall elements 2,20. The method comprises the step of mutually assembling at least some of the wall elements 2,20 by use of screw sockets 4 mounted in holes in the wall elements 2,20 and bolts. The wall elements may be superposed tube sections 2 arranged on top of each other, and these tube sections 2 may be formed by interconnecting axially extending tube segments 20. In some embodiments of the invention, the screw sockets 4 are mounted at the manufacturing site, and the wall elements 2,20 are subsequently transported to the erection site of the tubular building structure 1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1893/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR STOPPING A ROVE SUPPLY IN A SPINNING APPARATUS

(51) International classification	:D01H13/18
(31) Priority Document No	:11003755.3
(32) Priority Date	:06/05/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/001901
Filing Date	:03/05/2012
(87) International Publication No	:WO 2012/152410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VANTEX TECHNOLOGIES GMBH
Address of Applicant :Miesingstr. 11 83727 Schliersee
Germany
(72)**Name of Inventor :**
1)MICHELETTI Umberto

(57) Abstract :

Device (10) for stopping a rove supply in a spinning or twisting apparatus after breakage of a yarn (11) at the output side of a drafting zone (A) which comprises at least a pair of front rollers (3 4) and a pair of back rollers (1 2) whereby the rove (13) is delivered in normal operation by a pair of feed rollers from the input side and is formed to said yarn (11) in the drafting zone (A) and whereby the rove delivery is stopped upon breakage of the yarn (11) the stopping device (10) comprises a mechanical sensing lever (7) with a sensing pin (8) being repeatedly in contact with said yarn (11) and said sensing lever (7) is pivotally mounted on a pivot axis (X) wherein said sensing lever (7) has a release lever (9) opposite to said sensing lever (7) which is provided with a longitudinal release part (9a) being in engagement with a spring loaded clamp device (12) such that in normal operation of the apparatus said clamp device (12) is open and closes after the break of the yarn (11) through the conjoint pivot movement of said sensing lever (7) and said release lever (9) about said pivot axis (X) to firmly clamp the rove (13) at the input side of said drafting zone (A) before said back rollers (1 2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIPID BASED CLOPIDOGREL COMPOSITIONS METHODS AND USES

(51) International classification :A61K9/20,A01N43/42,A61K31/44
(31) Priority Document No :61/451522
(32) Priority Date :10/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028530
Filing Date :09/03/2012
(87) International Publication No :WO 2012/122493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JINA PHARMACEUTICALS INC.
Address of Applicant :28100 N. Ashley Circle Libertyville
Illinois 60048 U.S.A.
(72)Name of Inventor :
1)ALI Shoukath M.
2)AHMAD Ateeq
3)SHEIKH Saifuddin
4)AHMAD Moghis U.
5)AHMAD Imran

(57) Abstract :

The present invention relates to a methods of preparing clopidogrel complexed with lipids using aqueous systems that are free of organic solvents and methods of using the complexes e.g. in treating a disease in a subject. In some embodiments the present invention provides a method comprising preparing a composition comprising a lipid complex comprising clopidogrel and at least one lipid and administering the composition to a subject. In certain embodiments the subject is a mammal. In certain preferred embodiments the subject is human.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1900/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TOOTH REMINERALIZING ORAL CARE COMPOSITIONS

(51) International classification :A61K8/19,A61K8/24,A61Q11/00

(31) Priority Document No :PCT/CN2011/000667

(32) Priority Date :18/04/2011

(33) Name of priority country :China

(86) International Application No :PCT/EP2012/055604

Filing Date :29/03/2012

(87) International Publication No :WO 2012/143220

(61) 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 :100 Victoria Embankment London
Greater London EC4Y 0DY U.K.

(72)Name of Inventor :

1)LI Xiaoke

2)DENG Yan

3)DING Guan Jun

4)XU Yong

(57) Abstract :

Oral care compositions suitable for whitening and remineralizing teeth are described. The oral care compositions comprise a phosphate source and regeneration source calcium salt having a particle size of five (5) microns or less so that hydroxyapatite may be generated upon use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INDUCTION FURNACE USED FOR STRETCHING LARGE DIAMETER PREFORMED BARS OF OPTICAL FIBER

(51) International classification	:C03B37/025
(31) Priority Document No	:201110143621.1
(32) Priority Date	:31/05/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/082236
Filing Date	:15/11/2011
(87) International Publication No	:WO 2012/163053
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)YANGZE OPTICAL FIBRE AND CABLE COMPANY LTD
Address of Applicant :4# Guanshan Er Road Hongshan District Wuhan Hubei 430073 China
(72)**Name of Inventor :**
1)FANG Dongquan
2)WANG Tao
3)SUN Jianhua

(57) Abstract :

An induction furnace used for stretching large diameter preformed bars of optical fiber said furnace comprising a furnace casing a graphite exothermic sleeve an insulating layer and an induction coil. At the upper end of the graphite exothermic sleeve is provided a floating seal gland the inner bore thereof being adapted to the upper end of the graphite exothermic sleeve and the outer periphery of the floating seal gland being adapted to the top cover plate furnace hole of the furnace casing. The use of the floating seal gland increases furnace stability and prolongs furnace life.

No. of Pages : 12 No. of Claims : 8

(54) Title of the invention : SUPPORTED CATALYST FOR PREPARING SUGAR ALCOHOLS BY MEANS OF THE CATALYTIC HYDROGENATION OF SUGAR METHOD FOR PREPARING THE SUPPORTED CATALYST AND METHOD FOR PREPARING SUGAR ALCOHOLS USING THE SUPPORTED CATALYST

(51) International classification :B01J23/46,B01J21/08,C07C29/151
 (31) Priority Document No :10-2011-0034706
 (32) Priority Date :14/04/2011
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2012/002810
 Filing Date :13/04/2012
 (87) International Publication No :WO 2012/141523
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
 Address of Applicant :100 Jang dong Yuseong gu Daejeon
 305 343 Republic of Korea
 (72)**Name of Inventor :**
1)HWANG Jin Soo
2)CHANG Jong San
3)LEE Jong Min
4)MISHRA Dinesh Kumar

(57) Abstract :

The present invention relates to a supported catalyst for preparing sugar alcohols by means of the catalytic hydrogenation of sugar to a method for preparing the supported catalyst and to a method for preparing sugar alcohols using the supported catalyst. More particularly the present invention relates to a catalyst in which ruthenium or ruthenium boron is supported by a carrier alone or a carrier mixed with elements selected from silica alumina and titania a zeolite carrier or a carrier alone or a carrier mixed with elements selected from silica alumina and titania coated with a material made of nickel metal oxides. The present invention also relates to a method for preparing such a catalyst and to a method for preparing sugar alcohols at a high yield rate by hydrogenating sugar through the repeated use of a relatively smaller amount of said supported catalyst without regeneration. The supported catalyst of the present invention enables the preparation of highly pure sugar alcohols without causing the dissolution or inactivation of catalyst components during repeated use for hydrogenation thus generating little by products and waste. The supported catalyst of the present invention enables the preparation of sugar alcohols without a complicated separation process.

No. of Pages : 73 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1865/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A RAIL VEHICLE BRAKE ACTUATOR WITH A BRAKE BLOCK HOLDER

(51) International classification	:B61H13/20,B61H13/38	(71)Name of Applicant :
(31) Priority Document No	:1150302-6	1)FAIVELEY TRANSPORT NORDIC AB
(32) Priority Date	:06/04/2011	Address of Applicant :Box 515 S 26124 Landskrona Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050371	1)LUNDGREN, MAGNUS
Filing Date	:04/04/2012	
(87) International Publication No	:WO 2012/138291	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rail vehicle brake actuator (1) has a brake block holder (4) suspended therefrom so as to be laterally movable during braking. Brake block hangers (5) which are rigid are attached at their upper ends to brackets (2) on the actuator (1) by means of a joint (15) allowing relative laterally pivotable and rotatable movements and at their lower ends to the brake block holder. The lower ends of the brake block hangers (5) are laterally pivotally attached to a movable brake block holder axle (16) extending through a transverse bore in the brake block holder (4) and spring means (21) are arranged between the respective brake block hangers and the brake block holder.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2807/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM FOR THE QUANTIFICATION OF SYSTEM-WIDE DYNAMICS IN COMPLEX NETWORKS

(51) International classification	:G06F19/10
(31) Priority Document No	:61/362,676
(32) Priority Date	:08/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/001184
Filing Date	:06/07/2011
(87) International Publication No	:WO/2012/005764
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRIME GENOMICS, INC.
Address of Applicant :111 Commonwealth San Francisco, CA
94118, United States of America
(72)**Name of Inventor :**
1)SHAW, Sandy, C.

(57) Abstract :

A device, method and system are provided for diagnosing a disease using a gene expression reader to analyze biological samples and output gene expression values to calculate a scaling factor using a computer by counting a number of link counts C_n for groups of an individual genesTM expression values at different times at a threshold value C or for groups of genesTM expression values at a single time at the threshold value C , calculating an average number C_{ave} of the link counts C_n , calculating a largest number M of the C_n , iteratively applying a relation $C_{ave}=M/\log(M)$ for different threshold values C , comparing data of the C_{ave} values versus $M/\log(M)$, and calculating a fitting to the compared data to output the scaling factor a . The scaling factor a is compared with other scaling factors a^{TM} in a database to output a report of estimates for a degree of health.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1883/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LENS ARRAY SHEET

(51) International classification :G02B3/00,G02B1/04,G02B3/06

(31) Priority Document No :2011-087927

(32) Priority Date :12/04/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/002373

Filing Date :04/04/2012

(87) International Publication No :WO 2012/140853

(61) Patent of Addition to :NA

Application Number :NA

Filing Date

(62) Divisional to Application :NA

Number :NA

Filing Date

(71)Name of Applicant :

1)MATSUNAMI GLASS IND.LTD.

Address of Applicant :2 1 10Yasaka cho Kishiwada shi Osaka
5960049 Japan

(72)Name of Inventor :

1)ISHII Kazuhisa

2)NAKAMOTO Kenjiro

3)NAKANO Atsushi

(57) Abstract :

This lens array sheet includes a glass base and a resin lens array layer formed on the glass base and the resin lens array layer is composed of a composite material having nanoparticles added to a matrix resin.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1884/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DEVICE BASED SECURE ACCESS CONTROL USING ENCRYPTION

(51) International classification	:H04L9/08
(31) Priority Document No	:1545/MUM/2011
(32) Priority Date	:20/05/2011
(33) Name of priority country	:India
(86) International Application No	:PCT/IB2011/053541
Filing Date	:09/08/2011
(87) International Publication No	:WO 2012/160421
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHENOY Gurudatt

Address of Applicant :17 Radha Kunj Road No 4 Pestom
Sagar Chembur Mumbai 400 089 Maharashtra India

(72)Name of Inventor :

1)SHENOY Gurudatt

(57) Abstract :

The present invention in a preferred embodiment provides for systems and methods for ensuring and enabling secure access to one or more virtual locations or virtual data by a user wherein the said systems comprise of a) at least one authentication device; and b) at least one secondary device wherein the secondary device may be a second authentication device or an access device; wherein an authentication device is associated with an authentication key which is used to generate an encrypted authentication code using a unique device based encryption system and method .

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1885/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DYNAMICALLY ADJUSTED A/D RESOLUTION

(51) International classification	:H03M1/18
(31) Priority Document No	:13/077132
(32) Priority Date	:31/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/027962
Filing Date	:07/03/2012
(87) International Publication No	:WO 2012/134738
(61) 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, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)RUD Jason H.
2)BRONCZYK Andrew J.

(57) Abstract :

A process variable transmitter (10) is used to measure a process variable and in doing so dynamically changes the resolution of the A/D converter (18) based upon the measured value of the analog input signal. This can be done by automatically adjusting the configurable resolution gain adjustment based on the value of the analog signal being measured by normalizing the input signal being measured so that it is centered in an optimal resolution window of the A/D converter (18) or by adjusting a voltage reference provided to the A/D converter (18).

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEGETABLE AND FRUIT JUICE POWDER

(51) International classification :A23L2/08,A23L2/39,A23L2/66
(31) Priority Document No :2010903409
(32) Priority Date :29/07/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000961
Filing Date :29/07/2011
(87) International Publication No :WO 2012/012844
(61) 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 UNIVERSITY OF SYDNEY
Address of Applicant :Sydney NSW 2006 Australia
(72)Name of Inventor :
1)LANGRISH Timothy
2)WANG Shuosi

(57) Abstract :

A powder food product comprising one or more fruit components or one or more vegetable components or combination thereof together with an amount of whey protein isolate effective to encapsulate the one or more fruit components or one or more vegetable components or combination thereof.

No. of Pages : 82 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2065/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLAR COMBINER WITH INTEGRATED STRING CURRENT MONITORING

(51) International classification :H02J13/00,G01R27/00,H01L31/00
(31) Priority Document No :12/857778
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046939
Filing Date :08/08/2011
(87) International Publication No :WO 2012/024105
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCHNEIDER ELECTRIC USA INC.
Address of Applicant :1415 S. Roselle Road Palatine Illinois 60067 U.S.A.
(72)Name of Inventor :
1)RAMSEY James Raymond
2)SHARP Jeffrey Owen

(57) Abstract :

A combiner that calculates energy produced by each panel feed during the daytime and calculates a resistance value needed to calculate the energy by injecting a known current into each panel feed at nighttime and measuring the resulting voltage across a resistive element in each panel feed. A voltage tap across the protection device in each panel feed allows logic and control circuitry to measure the voltage across each protection device. At nighttime a known current is injected into each panel feed and the voltage across each protection device is measured. Plugging the current and voltage into Ohm s Law a resistance of each protection device is calculated then that resistance value is used during the daytime to calculate energy produced by each string in real time and to monitor each string s performance. When an individual string s performance wanes an alarm is indicated to help the operator troubleshoot which individual panel(s) within the string is responsible for that string s underperformance.

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3775/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR INDUSTRIAL PREPARATION OF PHARMACEUTICALLY ACCEPTABLE DECOLORIZED AND PURIFIED EXTRACT OF CALCINOGENIC PLANTS

(51) International classification	:A61K8/00
(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	:1784/CHE/2005
Filed on	:06/12/2005
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITRA PUCHALAPALLI

Address of Applicant :11-6-56 C Moosapet Opp. IDPL
Factory Hyderabad Andhra Pradesh India India

(72)Name of Inventor :

1)MITRA PUCHALAPALLI

(57) Abstract :

An improved process for industrial preparation of pharmaceutically acceptable decolorized and purified extract of calcinogenic plants is disclosed. The improvement makes the process useful for wider variety of calcinogenic plants utilizing other plants parts as well in addition to leaves. The invention also provides an improved range of solvents and decolorization/purification methods which can be suitably used in the process. The invention also provides improved therapeutic application of the extract in additional therapeutic indications. The decolorized and purified extract of calcinogenic plants are used for preparation of topical and oral pharmaceutical compositions for the treatment of psoriasis seborrheic dermatitis dandruff sun damaged skin chapped skin of hands and feet due to sun cold and drying rickets osteoporosis and renal osteodystrophy.

No. of Pages : 21 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3776/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMPROVED SINGLE SOLVENT EXTRACTION PROCESS FOR PREPARATION OF PHARMACEUTICALLY ACCEPTABLE DECOLORIZED EXTRACT OF CALCINOGENIC PLANTS

(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	:1784/CHE/2005
Filed on	:06/12/2005
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITRA PUCHALAPALLI

Address of Applicant :11-6-56 C Moosapet Opp. IDPL
Factory Hyderabad Andhra Pradesh India

(72)Name of Inventor :

1)MITRA PUCHALAPALLI

(57) Abstract :

An improved single solvent extraction process for industrial preparation of pharmaceutically acceptable decolorized and purified extract of calcinogenic plants is disclosed. The use of single solvent process and other improvements make the process useful for wider variety of calcinogenic plants utilizing other plants parts as well in addition to leaves. The invention also provides an improved range of solvents and decolorization/purification methods which can be suitably used in the process. The invention also provides improved therapeutic application of the extract in additional therapeutic indications. The decolorized and purified extract of calcinogenic plants are used for preparation of topical and oral pharmaceutical compositions for the treatment of psoriasis seborrheic dermatitis dandruff sun damaged skin chapped skin of hands and feet due to sun cold and drying rickets osteoporosis and renal osteodystrophy.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10003/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SAWING WIRE FOR USE IN A WIRE SAW MACHINE

(51) International classification	:B28D1/12,F16G11/02	(71) Name of Applicant :
(31) Priority Document No	:A 900/2011	1)TYROLIT SCHLEIFMITTELWERKE SWAROVSKI
(32) Priority Date	:20/06/2011	K.G.
(33) Name of priority country	:Austria	Address of Applicant :Swarovskistrae 33 A 6130 Schwaz
(86) International Application No	:PCT/AT2012/000122	Austria
Filing Date	:02/05/2012	(72) Name of Inventor :
(87) International Publication No	:WO 2012/174577	1)KREMSHOFER Silvia
(61) Patent of Addition to Application	:NA	2)EGGER Franz
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sawing wire (1) for use in a wire saw machine having a wire (2) and cutting beads (3 3 3) arranged thereon wherein the ends (4) of the wire (2) are connected to one another by a sleeve like press closure (5) wherein the sleeve like press closure (5) has a region of reduced rigidity at at least one end (6).

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10005/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CRYSTALLIZATION OF EPIRUBICIN HYDROCHLORIDE

(51) International classification	:C07H15/252
(31) Priority Document No	:10 2011 103 751.2
(32) Priority Date	:31/05/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/002248
Filing Date	:25/05/2012
(87) International Publication No	:WO 2012/163508
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HERAEUS PRECIOUS METALS GMBH & CO. KG
Address of Applicant :Heraeusstrae 12 14 63450 Hanau
Germany
(72)**Name of Inventor :**
1)KUNNARI Tero

(57) Abstract :

The invention relates to crystalline epirubicin hydrochloride and to a method for producing it. The method for producing crystalline epirubicin hydrochloride comprises the steps of (a) providing epirubicin hydrochloride (b) preparing a mixture which comprises the provided epirubicin hydrochloride and at least one alcohol selected from the group consisting of 1 butanol 2 butanol and 1 pentanol and (c) crystallizing epirubicin hydrochloride from this mixture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5343/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOUNTING OF CONNECTION DEVICE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:20 2012	1)WEIDMULLER INTERFACE GMBH & CO., KG
(32) Priority Date	104 617.2	Address of Applicant :KLINGENBERGSTRASSE 16, 32758
(33) Name of priority country	:28/11/2012	DETMOLD Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)HACKEMACK, FRANK
(87) International Publication No	:NA	2)RICHTS, JORG
(61) Patent of Addition to Application Number	:NA	3)JASCHK, BERNHARD
Filing Date	:NA	4)SANDER, ROTGER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention pertains to an arrangement according of an adapter plate and a connection device mounted on the adapter plate, wherein the connection device has several connector units ranged in a row, and wherein the connection device has a bottom side by which it lies at least partly against the adapter plate, and wherein the adapter plate has a cutout for accommodating elements of the connection device.

No. of Pages : 41 No. of Claims : 12

(54) Title of the invention : ANTIOXIDANT FOR OILS AND FATS

(51) International classification

:A01J

(31) Priority Document No

:2012-

284092

(32) Priority Date

:27/12/2012

(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 :

1)TSUJI OIL MILL CO., LTD.Address of Applicant :565-1, URESHINO-NIWANOSHO-
CHO, MATSUSAKA-SHI, MIE 515-2314 Japan

(72)Name of Inventor :

1)HAYASHI, AKIHITO**2)HAMAGUCHI, NOBUTOSHI**

(57) Abstract :

To provide an antioxidant comprising a ginger oil, the antioxidant having a higher unpleasant odor masking effect and a higher inhibitory effect on the increase in peroxide value than those of ginger oils produced by a steam distillation method. [SOLUTION] An antioxidant for an oil or fat or a complex lipid comprises a ginger oil, and the ginger oil has at least one peak detected within 5 minutes before a peak of neral and has at least three peaks within 7 minutes after a peak of geranial when subjected to a high-performance liquid chromatographic analysis in the following analysis conditions: sample: an ethanol containing 0.1% (w/v) of the ginger oil, column: an ODS column having a particle size of 5 μ m, an inner diameter of 4.6 mm, and a length of 250 mm), column oven temperature: 40°C, detection wavelength: 228 nm, mobile phase: water (liquid A) , acetonitrile (liquid B) , flow rate: 1 mL/min, and gradient program: (1) initial condition: 70% liquid A/30% liquid B; (2) 0 min to 20 min: linear gradient from the initial condition to 10% liquid A/90% liquid B; and (3) 20 min to 40 min: maintaining 10% liquid A/90% liquid B.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5683/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : YARN POOLING DEVICE AND SPINNING UNIT

(51) International classification :A41B

(31) Priority Document No :2012-285719

(32) Priority Date :27/12/2012

(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 :

1)MURATA MACHINERY LTD.

Address of Applicant :3 MINAMI OCHIAI-CHO,

KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326

Japan

(72)Name of Inventor :

1)NOBORU NAKAYAMA

(57) Abstract :

A yarn pooling device (22) includes a yarn pooling roller (41) and a yarn suction device (44). The yarn pooling roller (41) temporarily pools the spun yarn (10) by winding it on its outer circumferential surface. The yarn suction device (44) generates a suction air current at a suction port, which is arranged downstream of the yarn pooling roller (41) in the yarn running direction, to suck and dispose of the spun yarn (10) remaining on the yarn pooling roller (41). When disposing of the spun yarn (10) remaining on the yarn pooling roller (41), the yarn suction device (44) unhooks the spun yarn (10) that is hooked on a yarn hooking member (43) by using a suction pipe (71) and the like.

No. of Pages : 46 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10764/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICALLY ADJUSTING BANDWIDTH SERVICES AND BROADBAND POLICY SYSTEM

(51) International classification	:H04W 28/00 , H04L 12/24 , H04L 12/56
(31) Priority Document No	:201010191655.3
(32) Priority Date	:01/06/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077104
Filing Date	:19/09/2010
(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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan District Shenzhen City Guangdong Province 518057 P. R. China China

(72)Name of Inventor :

1)ZHOU Yang

2)LI Feng

3)TIAN Jing

(57) Abstract :

A method and system for dynamically adjusting bandwidth services, and a broadband policy system are provided in the present invention. The method includes: capturing login information of a user for accessing a network, and constructing online information of the user; after receiving a bandwidth service switching request initiated by the user, carrying information of a new bandwidth service to which the user is to switch to inform a broadband access server; and if an original bandwidth service stop message and a new bandwidth service start message initiated by the broadband access server are received, processing the original bandwidth service stop message and the new bandwidth service start message and forwarding to a Remote Authentication Dial-in User Service (RADIUS) server, releasing original bandwidth service resources and starting new bandwidth service resources. With the present invention, dynamic adjustment on the bandwidth services can be implemented, which enables users to customize and control the network bandwidths required by themselves on their own, and satisfies personalized demands of the users.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4834/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SWASH PLATE TYPE VARIABLE DISPLACEMENT COMPRESSOR

(51) International classification	:F04B27/10	(71)Name of Applicant :
(31) Priority Document No	:2012-243985	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:05/11/2012	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YAMAMOTO, SHINYA
Filing Date	:NA	2)SUZUKI, TAKAHIRO
(87) International Publication No	: NA	3)HONDA, KAZUNARI
(61) Patent of Addition to Application Number	:NA	4)NISHII, KEI
Filing Date	:NA	5)YAMAZAKI, YUSUKE
(62) Divisional to Application Number	:NA	6)OTA, MASAKI
Filing Date	:NA	

(57) Abstract :

In a compressor according to the present invention, an actuator (13) is arranged in a swash plate chamber (33) in a manner rotatable integrally with a drive shaft (3). The actuator (13) includes a rotation body (13a), a movable body (13b), and a control pressure chamber (13c) . A control mechanism (15) includes a bleed passage (15a), a supply passage (15b), and a control valve (15c). The control mechanism (15) is capable of changing the pressure in the control pressure chamber (13c) to move the movable body (13b). The movable body (13b) opposes the lug arm (49) with a swash plate (5) arranged between the movable body (13b) and the lug arm (49).

No. of Pages : 47 No. of Claims : 14

(54) Title of the invention : MOBILE TERMINAL AND INTERFACE METHOD THEREOF

(51) International classification :H04W88/02,H02J7/00,H01R27/00
 (31) Priority Document No :1020110024814
 (32) Priority Date :21/03/2011
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2012/001610
 Filing Date :05/03/2012
 (87) International Publication No :WO 2012/128486
 (61) 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 Jong Hyun

(57) Abstract :

A mobile terminal and an interface method thereof for connecting external devices such as an adapter a Universal Serial Bus (USB) cable a docking station an accessory and the like to the mobile terminal are provided. The mobile terminal includes a battery a connector including a pin for data communication and first and second power pins for charging the battery a memory for storing a reference voltage indicating a dedicated adapter of the battery and a controller for receiving a voltage input from the first and second power pins for recognizing an external device connected with the connector as the dedicated adapter when a voltage input from the pin for data communication is the reference voltage and for charging the battery with power input to the first and second power pins.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5874/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MESSAGE HANDLING METHOD AND SYSTEM

(51) International classification :H04W4/12,H04W4/18,G06F17/28
(31) Priority Document No :61/441821
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/000871
Filing Date :07/02/2012
(87) International Publication No :WO 2012/108656
(61) 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)BAEK Sung Hwan
2)CHUNG Do Hee

(57) Abstract :

A method and system for handling a message are provided. A terminal can translate a message composed by the user into a target language and send the translated message to a recipient terminal. The terminal can also translate a received message written in a language other than the language selected by the user into the language selected by the user and display the translated message. The method includes composing by a sender terminal a message checking whether a translation feature is activated for message translation transmitting when the translation feature is not activated the composed message to a receiver terminal and translating when the translation feature is activated the composed message and transmitting the translated message to the receiver terminal.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.331/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROACTIVE SEEDING OF DATA IN A PEER TO PEER NETWORK

(51) International classification :G06F15/16

(31) Priority Document No :1010544.3

(32) Priority Date :23/06/2010

(33) Name of priority country :U.K.

(86) International Application No :PCT/IB2011/052725

Filing Date :22/06/2011

(87) International Publication No :WO 2011/161627

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GIRAFFIC TECHNOLOGIES LTD.

Address of Applicant :32 Habarzel Street Ramat Hachayal

69717 Tel Aviv Israel

(72)Name of Inventor :

1)ZANGER Yoel Moshe

2)GAT Gil Matan

3)VOLK Dvir

4)TULCHIN Stanislav

(57) Abstract :

A method of proactive seeding of data in a peer to peer computer network is provided. The method may include the following steps: monitoring in a peer to peer computer network a plurality of agents and a plurality of files by tracking an availability of each agent and tracking a status of each file respectively; evaluating each agent based at least partially on respective past performance and specified rules; encoding each file into portions; matching the portions into agents to yield a specified distribution of loads among the agents based at least partially on their respective evaluation wherein at least one of the monitoring the evaluating the encoding the and the matching is executed by at least one processor.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2013

(21) Application No.5252/CHE/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : ROBOT SYSTEM

(51) International classification	:B25J	(71) Name of Applicant :
(31) Priority Document No	:2012-253492	1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	:19/11/2012	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DAISUKE IRUMA
(87) International Publication No	: NA	2)YUSUKE MINAMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A robot system includes a robot having a plurality of joints; and a plurality of actuators configured to drive the plurality of joints, respectively. At a tip end of the robot, a hand is provided such that the hand is rotatable about a first rotation axis by one of the actuators and holds a workpiece in a position vertically offset with respect to the first rotation axis. Further, the robot system includes a controller configured to control the plurality of actuators such that the hand rotates about a second rotation axis positioned closer to the workpiece than the first rotation axis and parallel to the first rotation axis

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5932/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTI CARRIER OPERATIONS WITH FAST FREQUENCY HOPPING

(51) International classification :H04L5/00
(31) Priority Document No :61/446940
(32) Priority Date :25/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026498
Filing Date :24/02/2012
(87) International Publication No :WO 2012/116273
(61) 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)BARBIERI Alan
2)GAAL Peter

(57) Abstract :

A method of wireless communication includes receiving by a single RF receiver of a user equipment (UE) a first portion of a downlink transmission from an eNode B (eNodeB) on a downlink primary carrier during at least one periodic subframe of the downlink primary carrier. The method also includes receiving by the single RF receiver a second portion of the downlink transmission from the eNodeB on the secondary downlink carrier. The reception occurs during a periodic sequence of subframes of the secondary downlink carrier following the at least one periodic subframe of the downlink primary carrier and before a second periodic subframe of the downlink primary carrier.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5933/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ON THE FLY COMPENSATION OF SAMPLING FREQUENCY AND PHASE OFFSET AT SIDE OF RECEIVER EXECUTING ULTRA HIGH SPEED WIRELESS COMMUNICATION

(51) International classification :H04B7/005
(31) Priority Document No :2011053312
(32) Priority Date :10/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055403
Filing Date :02/03/2012
(87) International Publication No :WO 2012/121151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.
(72)Name of Inventor :
1)NAKANO Daiju
2)KATAYAMA Yasunao
3)KOHDA Yasuteru

(57) Abstract :

The present invention restores data of a series of symbols transmitted into a receiver without making the clock of the receiver match the clock of a transmitter. In this receiver received data that was over sampled by two times is made into polyphase and the data is shifted and a filter coefficient (a series of tap coefficients) of a compensation filter is shifted at the same time by applying a feedback of an adaptation algorithm. Sampling frequency and phase offset can be compensated on the fly by making a received signal pass through a filter that is a combination of a tapped filter which has a correlation value obtained from a preamble or a header of the received signal set as the initial value thereof and a wavefront aligner (a wavefront matching box). Such a configuration is equivalent to achieving a resampling filter circuit an equivalent filter circuit and a decimation filter circuit with just one compensation filter circuit and is able to make dimensions of a circuit far smaller than those in prior art.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2172/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/05/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1IS, 3S, 5S)-2-[(2S)-2-AMINO-2-(3-HYDROXY-L-ADAMANTYL) ACETYL]-2-AZABICYCLO [3.1.0] HEXANE-3-CARBONITRILE

(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

(71)Name of Applicant :

1)DR. DAVULURI RAMAMOHAN RAO

Address of Applicant :204, II FLOOR, MERIDIAN PLAZA,
6-3-853/1, AMEERPET, HYDERABAD 500 016 Andhra Pradesh
India

(72)Name of Inventor :

1)DAVULURI RAMAMOHAN RAO

2)PONNAIAH RAVI

(57) Abstract :

The invention provides novel processes for the preparation of Saxagliptin and novel intermediates employed in the process for preparing the Saxagliptin.

No. of Pages : 64 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4863/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUCTION UNIT FOR A COMPACTION DEVICE

(51) International classification	:D01H5/70	(71)Name of Applicant :
(31) Priority Document No	:02632/12	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:30/11/2012	Address of Applicant :KLOSTERSTRASSE 20, CH-8406
(33) Name of priority country	:Switzerland	WINTERTHUR Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAGELI, ROBERT
(87) International Publication No	: NA	2)SCHNEIDER, GABRIEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a suction unit (10,10a) for a compaction device for fiber material, having a first housing part (G1, G1a) which has a curved outer wall (BA) which is provided with a slotted opening (11,11a), and a second housing part (G2, G2a) which is connected to the first housing part and which is provided with an inlet opening (01, 02) for a suction channel (12,12a). The suction channel extends over the first and second housing parts (G1, G1a, G2, G2a) and is connected to the slotted opening (11, 11a) in the outer wall (BA). To avoid penetration of contaminants into the gap (S) between the inner wall (W) of the suction drum (6, 6a) and the curved outer wall of the suction unit (10,10a), the use of a suction unit is proposed which has a grooved depression (N), which has no connection to the suction channel (12, 12a) and which extends at a distance from the slotted opening, between the second housing part and the slotted opening in the curved outer surface of the outer wall of the first housing part of the suction unit

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5622/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER MODULE PACKAGE

(51) International classification	:A47J
(31) Priority Document No	:13/720,351
(32) Priority Date	:19/12/2012
(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

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)DELGADO, ELADIO CLEMENTE
2)GLASER, JOHN STANLEY
3)ROWDEN, BRIAN LYNN

(57) Abstract :

An integrated power module (10) includes a substantially planar insulated metal substrate (12) having at least one cut-out region (18); at least one substantially planar ceramic substrate (14) disposed within the cut-out region, wherein the ceramic substrate is framed on at least two sides by the insulated metal substrate, the ceramic substrate including a first metal layer (15) on a first side and a second metal layer (17) on a second side; at least one power semiconductor device (20) coupled to the first side of the ceramic substrate; at least one control device (22) coupled to a first surface of the insulated metal substrate; a power overlay (60) electrically connecting the at least one semiconductor power device and the at least one control device; and a cooling fluid reservoir (58) operatively connected to the second metal layer of the at least one ceramic substrate, wherein a plurality of cooling fluid passages (54) are provided in the cooling fluid reservoir.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5623/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DIRECT CURRENT POWER DELIVERY SYSTEM AND METHOD

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:13/769,919	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:19/02/2013	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ZHANG, DI
(87) International Publication No	: NA	2)DAI, JIAN
(61) Patent of Addition to Application Number	:NA	3)GARCES, LUIS JOSE
Filing Date	:NA	4)RIXIN LAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power transmission system includes a first unit for carrying out the steps of receiving high voltage direct current (HVDC) power from an HVDC power line, generating an alternating current (AC) component indicative of a status of the first unit, and adding the AC component to the HVDC power line. Further, the power transmission system includes a second unit for carrying out the steps of generating a direct current (DC) voltage to transfer the HVDC power on the HVDC power line, wherein the HVDC power line is coupled between the first unit and the second unit, detecting a presence or an absence of the added AC component in the HVDC power line, and determining the status of the first unit based on the added AC component.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5960/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RETROFIT INJECTOR MOUNT

(51) International classification :F01N3/10,F01N3/28,B01D53/94
(31) Priority Document No :13/030370
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022869
Filing Date :27/01/2012
(87) International Publication No :WO 2012/112280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TENNECO AUTOMOTIVE OPERATING COMPANY INC.
Address of Applicant :500 North Field Drive Lake Forest Illinois 60045 U.S.A.
(72)Name of Inventor :
1)REBA Peter J.

(57) Abstract :

An injector mount clamp for coupling an injector of an exhaust gas treatment system to an exhaust conduit of an engine while the conduit is in an installed position includes a resilient monolithic clamp body having an aperture extending therethrough and being shaped as a split collar having a first end spaced apart from a second end a distance allowing the clamp body to be transversely moved relative to an exhaust flow direction to a position circumferentially surrounding the exhaust conduit. An injector mounting boss is disposed on the clamp body and defines a passage that fluidly communicates with the aperture of the clamp body. The mounting boss has a mounting face configured to oppose the injector.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2013

(21) Application No.4835/CHE/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : SWASH PLATE TYPE VARIABLE DISPLACEMENT COMPRESSOR

(51) International classification	:F04B27/10	(71)Name of Applicant :
(31) Priority Document No	:2012-243987	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:05/11/2012	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YAMAMOTO, SHINYA
Filing Date	:NA	2)SUZUKI, TAKAHIRO
(87) International Publication No	: NA	3)HONDA, KAZUNARI
(61) Patent of Addition to Application Number	:NA	4)NISHII, KEI
Filing Date	:NA	5)YAMAZAKI, YUSUKE
(62) Divisional to Application Number	:NA	6)OTA, MASAKI
Filing Date	:NA	

(57) Abstract :

A compressor includes an actuator. The actuator is arranged in a swash plate chamber, while being rotational integrally with a drive shaft. The actuator includes a rotation body, a movable body, and a control pressure chamber. A control mechanism is provided that changes the pressure in the control pressure chamber to move the movable body. The movable body is arranged such that, when the pressure in the control pressure chamber is raised, the movable body pulls the swash plate to increase the inclination angle of the swash plate.

No. of Pages : 44 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4837/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SWASH PLATE TYPE VARIABLE DISPLACEMENT COMPRESSOR

(51) International classification	:F04B27/10	(71)Name of Applicant :
(31) Priority Document No	:2012-243986	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:05/11/2012	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YAMAMOTO, SHINYA
Filing Date	:NA	2)SUZUKI, TAKAHIRO
(87) International Publication No	: NA	3)HONDA, KAZUNARI
(61) Patent of Addition to Application Number	:NA	4)YAMAZAKI, YUSUKE
Filing Date	:NA	5)OTA, MASAKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compressor includes an actuator. The actuator is arranged in a swash plate chamber, while being rotational 5 integrally with a drive shaft. With reference to the swash plate, the actuator is located in a region in which a first cylinder bore is located. The actuator includes a rotation body fixed to the drive shaft, a movable body, and a control pressure chamber. A link mechanism is located between the 10 drive shaft and the swash plate. As the inclination angle of the swash plate is changed, the link mechanism moves the top dead center position of a first head by a greater amount than the top dead center position of a second head.

No. of Pages : 34 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4838/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SWASH PLATE TYPE VARIABLE DISPLACEMENT COMPRESSOR

(51) International classification	:F04B27/10	(71)Name of Applicant :
(31) Priority Document No	:2012-243989	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:05/11/2012	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(33) Name of priority country	:Japan	AICHI-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMAMOTO, SHINYA
(87) International Publication No	: NA	2)SUZUKI, TAKAHIRO
(61) Patent of Addition to Application Number	:NA	3)HONDA, KAZUNARI
Filing Date	:NA	4)NISHII, KEI
(62) Divisional to Application Number	:NA	5)YAMAZAKI, YUSUKE
Filing Date	:NA	6)OTA, MASAKI

(57) Abstract :

In a compressor according to the present invention, an actuator (13) is arranged in a swash plate chamber (33) in a manner rotatable integrally with a drive shaft (3) . The actuator (13) includes a rotation body (13a), a movable body (13b), and a control pressure chamber (13c). A control mechanism (15) includes a bleed passage (15a), a supply passage (15b), and a control valve (15c). The control mechanism (15) is capable of changing the pressure in the control pressure chamber (13c) to move the movable body (13b). When the pressure in the control pressure chamber (13c) exceeds the pressure in the swash plate chamber (33), the inclination angle of the swash plate (5) with respect to the rotation axis (0) of the drive shaft (3) increases.

No. of Pages : 43 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5872/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ARCHITECTURE FOR WLAN OFFLOAD IN A WIRELESS DEVICE

(51) International classification :H04L12/46,H04W88/06,H04W92/02
(31) Priority Document No :61/448525
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027583
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119119
(61) 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)PAYYAPPILLY Ajith Tom
2)VANGALA Venkata Satish Kumar
3)NAMBURI Shanta Pavan
4)ZHAO Suli

(57) Abstract :

Architecture for performing WLAN offload in a wireless device is disclosed. In an exemplary embodiment an apparatus includes an application section configured to form IP packets from data to be transmitted a modem section configured to apply a cellular protocol to the IP packets to form cellular protocol packets an endpoint configured to encapsulate the cellular protocol packets to form outer IP tunnel packets and a WLAN interface configured to transmit the outer IP tunnel packets over a WLAN communication channel. In another exemplary embodiment an apparatus includes a WLAN interface configured to receive outer IP tunnel packets over a WLAN communication channel an endpoint configured to extract cellular protocol packets from the outer IP tunnel packets a modem processor configured to remove a cellular protocol from the cellular protocol packets to form IP packets and an application processor configured to extract received data from the IP packets.

No. of Pages : 39 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5975/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DATA STORAGE ADDRESS ASSIGNMENT FOR GRAPHICS PROCESSING

(51) International classification :G06T1/60
(31) Priority Document No :13/024579
(32) Priority Date :10/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024760
Filing Date :10/02/2012
(87) International Publication No :WO 2012/109619
(61) 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)SHARP Colin
2)PFEFFER Zachary Aaron
3)METZ Eduardus A.
4)RIBBLE Maurice

(57) Abstract :

In general aspects of this disclosure describe example techniques for efficient storage of data of various data types for graphics processing. In some examples a processing unit may assign first and second contiguous range of addresses for a first and second data type respectively. The processing unit may store at least one of graphics data of the first or second data type or addresses of the graphics data of the first or second data type within blocks whose addresses are within the first and second contiguous range of addresses respectively. The processing unit may store in cache lines of a cache the graphics data of the first data type and the graphics data of the second data type.

No. of Pages : 41 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.123/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DIGITAL WHITEBOARD SYSTEM

(51) International classification :B43L1/00,G06F3/033,G06F3/147

(31) Priority Document No :61/398892

(32) Priority Date :06/07/2010

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/BR2011/000199

Filing Date :30/06/2011

(87) International Publication
No :WO 2012/003559

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)REZENDE Marcelo Amaral

Address of Applicant :Rua Lauro Linhares 589 4º Andar
Trindade 88036 001 Florianópolis Brazil

(72)Name of Inventor :

1)REZENDE Marcelo Amaral

(57) Abstract :

A digital whiteboard system for enabling a user thereof to write at a preferred position includes a digital whiteboard configured to cooperate with a computer said digital whiteboard in operation being divided into a plurality of virtual panels; wherein the digital whiteboard locates tools and menu bar; wherein the digital whiteboard is configured to allow a user to move a virtual panel upwards or downwards by dragging a continuous scroll bar; and wherein the virtual panel moves in the same direction as the direction in which the scroll bar is dragged.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3618/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF 4-TERT-BUTYL-N-[6-(2-HYDROXYETHOXY)-5-(2-METHOXYPHENOXY)-2-(2-PYRIMIDINYL)-PYRIMIDINE-4-YL]-BENZENESULFONAMIDE SODIUM

(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

(71)Name of Applicant :

1)DR.DAVULURIRAMAMOHAN RAO

Address of Applicant :204, II FLOOR, MERIDIAN PLAZA,
6-3-853/1, AMEERPET HYDERABAD 500016. Andhra Pradesh
India

(72)Name of Inventor :

1)PONNAIAH RAVI

2)BATTHINI GURUSWAMY

3)NEELA PRAVEEN KUMAR

4)N. VENUGOPALARAO

5)S. PRASAD

6)D. NARESH

(57) Abstract :

A process for the purification of Bosentan sodium and a novel crystalline form of substantially pur Bosentan sodium is disclosed in this invention.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4849/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPINDLE BRAKE MOUNTING

(51) International classification	:D01H
(31) Priority Document No	:02517/12
(32) Priority Date	:23/11/2012
(33) Name of priority country	:Switzerland
(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)MASCHINENFABRIK RIETER AG
Address of Applicant :KLOSTERSTRASSE 20, CH-8406
WINTERTHUR Switzerland
(72)**Name of Inventor :**
1)BERNHARD, MICHAEL
2)NAGELI, ROBERT

(57) Abstract :

The invention relates to an intermediate element (1) for mounting a pivotable brake lever (2) of a spindle (3) of a spinning machine, said intermediate element (1) being attached to the circumference of a flange (4) of a bearing bushing (5) which is attached to a spindle rail (6) for mounting the spindle (3). The intermediate element (1) has bearing points (7) for the brake lever (2) and the brake lever (2) is transferable to a brake position, in which the brake lever (2) is in contact with the spindle (2). In order to allow for a simple and quick mounting and/or removal of the brake lever (2) on or from the bearing bushing (5), and to ensure an exact fastening of the brake lever (2) in circumferential direction to the bearing bushing (5), the intermediate element (1) is designed as a U-shaped holding bracket which encloses a portion of the circumference of the flange (4) of the bearing bushing (5).

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4850/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OUTDOOR UNIT OF AIR-CONDITIONING APPARATUS

(51) International classification	:F24F
(31) Priority Document No	:2013-004560
(32) Priority Date	:15/01/2013
(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 :**
1)MITSUBISHI ELECTRIC CORPORATION
Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO 100-8310 Japan

(72)**Name of Inventor :**
1)ITO, KAZUHO
2)YAMADA, HIROSHI
3)YAMAUCHI, HIDETAKA
4)TAKEUCHI, YUTO

(57) Abstract :

To provide an outdoor unit of an air-conditioning apparatus in which the occurrence of electrolytic corrosion on a parallel-pipe heat exchanger is suppressed. [Solution] An outdoor unit of an air-conditioning apparatus includes a bottom plate 12 that is a thin steel plate, a parallel-pipe heat exchanger 1 made of aluminum: or an aluminum alloy and provided on the bottom plate 12, and first and third supporting members 15A and 16A made of synthetic resin and provided at a lower end of the parallel-pipe heat exchanger 1. The first and third supporting members 15A and 16A each include a pair of side plates extending in a lateral direction of the parallel-pipe heat exchanger 1 and facing each other, the side plates being configured to support the lower end of the parallel-pipe heat exchanger 1; a sloping plate provided between the pair of side plates and sloping downward from one end to the other end thereof; and drain holes provided at two respective ends of the sloping plate.

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5977/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A MOULD ASSEMBLY.

(51) International classification :B29C33/12,B29C39/26,C03B19/02
(31) Priority Document No :ZA2011/01355
(32) Priority Date :21/02/2011
(33) Name of priority country :South Africa
(86) International Application No :PCT/ZA2012/000009
Filing Date :21/02/2012
(87) International Publication No :WO 2012/119159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GRAIL INVENTIONS (PTY) LTD.
Address of Applicant :3A Kariga Street Stikland Bellville
7530 South Africa
(72)Name of Inventor :
1)BENNETT Stanley William

(57) Abstract :

A method of forming a mould assembly (10) is provided. The method includes providing a mould body (12) defining a mould insert receiving zone (14). The method includes providing a mould insert (16) defining opposed sides (18 20). One side (18) defines a mould cavity surface (21) against which an article is to be moulded and the opposed side (20) defines a mould body seating arrangement (22) for seating the mould insert (16) in the mould insert receiving zone (14). The method further includes positioning the mould insert 16 in the mould insert receiving zone (14) of the mould body (12).

No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1728/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : A PROCESS FOR PREPARING INTERMEDIATES OF 10-PROPARGYL-10-DEAZAAMINOPTERIN (PRALATREXATE) SYNTHESIS AND THE INTERMEDIATES THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AVRA LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Plot No. 9/15 (2&3) Road No. 6 IDA
(33) Name of priority country	:NA	Nacharam Hyderabad Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Chandrashekar Ramarao
(87) International Publication No	: NA	2)Patrick Thomas Michel
(61) Patent of Addition to Application Number	:NA	3)Lakshmikant Hanumanthrao Nitlikar
Filing Date	:NA	4)Bhupathi Reddy Kalam
(62) Divisional to Application Number	:NA	5)Ramprasad Duduka
Filing Date	:NA	

(57) Abstract :

A process for preparation of 4-(1-(2 4-diaminopteridin-6-yl)pent-4-yn-2-yl)benzoic acid and other key intermediates in synthesis of 10-propargyl-10-deazaaminopterine (Pralatrexate) and the intermediates thereof. The 10-propargyl-10-deazaaminopterine (Pralatrexate) is obtained by peptide formation and ester hydrolysis of the intermediate compound 4-(1-(2 4-diaminopteridin-6-yl)pent-4-yn-2-yl)benzoic acid by methods known in the art.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3377/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ANALYZING APPARATUS CONTROL SYSTEM AND PROGRAM FOR THE SAME

(51) International classification :G06F

(31) Priority Document No :2012-170832

(32) Priority Date :01/08/2012

(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 :

1)SHIMADZU CORPORATION

Address of Applicant :1, NISHINOKYO-KUWABARA-CHO
NAKAGYO-KU, KYOTO-SHI, KYOTO 6048511 Japan

(72)Name of Inventor :

1)FUKUSHIMA, NOBUMITSU

(57) Abstract :

An analyzing apparatus control system includes a usage managing unit; an estimated replacement date computation unit; and a consumption information display unit. The usage managing unit manages a usage degree of consumable parts through of four units that compose an analyzing apparatus. The usage degree may be the usage time or the number of times of use up to the present time. The estimated replacement date computation unit computes the estimated replacement date (which may be time) of each of the four consumable parts based on the usage limit value stored in a usage limit memory unit and the usage degree. The consumption information display unit presents the computed estimated replacement date for the consumable parts in a predetermined display format on a display.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5795/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR FEEDING MUNICIPAL SOLID WASTE TO A PLASMA GASIFIER REACTOR

(51) International classification	:B09C
(31) Priority Document No	:13/721,846
(32) Priority Date	:20/12/2012
(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

(71)**Name of Applicant :**
1)AIR PRODUCTS AND CHEMICALS, INC.
Address of Applicant :7201 HAMILTON BOULEVARD,
ALLENTOWN, PA 18195-1501 U.S.A.

(72)**Name of Inventor :**
1)ALAN DONALD ANDERSON
2)FRANCIS PETER PETROCELLI
3)FRANK STEPHEN WINGER

(57) Abstract :

A method and apparatus are described for supplying municipal solid waste (MSW), and/or other types of solid waste comprising both organic waste material and inorganic waste material, into a plasma gasifier reactor (PGR) in which the solid waste is to be processed.

No. of Pages : 43 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6016/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RADIATION THERAPY KNOWLEDGE EXCHANGE

(51) International classification :G06Q50/24
(31) Priority Document No :13/016842
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022957
Filing Date :27/01/2012
(87) International Publication No :WO 2012/103468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VARIAN MEDICAL SYSTEMS INC.
Address of Applicant :3100 Hansen Way Palo Alto CA 94304
U.S.A.
(72)**Name of Inventor :**
1)LANG Burton
2)ZANKOWSKI Corey
3)BAGHAIE Ramin

(57) Abstract :

A method for implementing a radiation therapy knowledge exchange starts with searching a database of cases studies and selecting a case study. The selected case study is downloaded. The downloaded case study is applied to a medical case wherein the downloaded case is applied using deformable image registration to deform reference images of the downloaded case to medical images of the medical case. After application of the downloaded case study the medical case is uploaded to the network wherein uploading the medical case allows at least the submitting clinician to download review and edit at least a portion of the medical case to create a reviewed medical case. Finally the reviewed medical case is downloaded and applied to the medical case to create a final medical case.

No. of Pages : 40 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6017/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR UTILIZATION OF RISK ZONES

(51) International classification :G06Q50/10,G01C21/26,G08G1/0969
(31) Priority Document No :61/427201
(32) Priority Date :26/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067037
Filing Date :22/12/2011
(87) International Publication No :WO 2012/092161
(61) 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 TRAVELERS INDEMNITY COMPANY
Address of Applicant :One Tower Square Hartford CT 06183 U.S.A.
(72)Name of Inventor :
1)COLLINS Dean M.
2)SMITH Bryan
3)OCONNER John

(57) Abstract :

Systems apparatus methods and articles of manufacture that provide for outputting and utilization of risk zone information are provided. In some embodiments risk zone information may be utilized to select price and/or manage an insurance policy.

No. of Pages : 57 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2783/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR INDUSTRIAL PREPARATION OF PHARMACEUTICALLY ACCEPTABLE DECOLORIZED AND PURIFIED EXTRACT OF CALCINOGENIC PLANTS

(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	:1784/CHE/2005
Filed on	:06/12/2005
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1).
Address of Applicant :.
(72)**Name of Inventor :**
1)PUCHALAPALLI MITRA

(57) Abstract :

An improved process for industrial preparation of pharmaceutically acceptable decolorized and purified extract of calcinogenic plants and preparation of topical and oral pharmaceutical compositions of such extracts for the treatment of psoriasis dandruff sun damaged skin and heel cracks rickets osteoporosis and renal Osteodystrophy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3531/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PLUNGER PUMP

(51) International classification

:a61m

(31) Priority Document No

:2012-

189829

(32) Priority Date

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(33) Name of priority country

:Japan

(86) International Application No

:NA

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(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)SHIMADZU CORPORATION

Address of Applicant :1, NISHINOKYO-KUWABARACHO,
NAKAGYO-KU, KYOTO-SHI, KYOTO 6048511 Japan

(72)Name of Inventor :

1)ARIMA, YOSHINORI

(57) Abstract :

A plunger pump includes a pump body, a pump head including a pump chamber, a plunger, and a plunger seal . The plunger seal is arranged between the pump chamber and the pump body with a front surface facing the pump chamber and a back surface facing the pump body, includes a penetration hole from the front surface to the back surface, and holds the plunger in a slidable manner with the inner wall of the hole. The plunger seal includes a ring-shaped hollow portion surrounding the hole, the hollow portion communicating with a back surface side of the plunger seal and not communicating with a front surface side of the plunger seal. An elastic member for expanding the hollow portion in a radial direction of the plunger by an elastic force is provided inside the hollow portion.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5045/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LAUNDRY TREATING APPARATUS

(51) International classification	:D06F39/00	(71)Name of Applicant :
(31) Priority Document No	:10-2013-0021183	1)LG ELECTRONICS INC.
(32) Priority Date	:27/02/2013	Address of Applicant :20 YEUIDO-DONG
(33) Name of priority country	:Republic of Korea	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KIM, SEONGKYU
(87) International Publication No	: NA	2)YOON, JUHAN
(61) Patent of Addition to Application Number	:NA	3)LEE, SOONJO
Filing Date	:NA	4)PARK, SOOWON
(62) Divisional to Application Number	:NA	5)KIM, JONGHO
Filing Date	:NA	

(57) Abstract :

A laundry treating apparatus includes a cabinet forming an external appearance of the laundry treating apparatus, an accommodation space provided in the cabinet to receive laundry, and a discharge portion allowing an interior of the accommodation space to communicate with an exterior of the cabinet and adapted to discharge air in the accommodation space from the cabinet. The laundry treating apparatus also includes a supply portion that supplies air into the accommodation space, and a shutoff portion adapted to open and close the discharge portion.

No. of Pages : 33 No. of Claims : 22

(54) Title of the invention : METHOD FOR CHANGING CONVEYANCE MODE OF ABSORBENT ARTICLE WORKPIECES

(51) International classification :A61F13/15,A61F13/472,A61F13/49
 (31) Priority Document No :2011018701
 (32) Priority Date :31/01/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/051440
 Filing Date :24/01/2012
 (87) International Publication No :WO 2012/105374
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)UNI CHARM CORPORATION
 Address of Applicant :182 Kinseichoshimobun Shikokuchuo
 shi Ehime 7990111 Japan
 (72)Name of Inventor :
1)MURAKAMI Seiji
2)SHINOMORI Youji
3)SATO Hidenori
4)HOSOKAWA Masashi

(57) Abstract :

The present invention is a method for changing the conveyance mode of absorbent article workpieces. The method comprises :(1) performing longitudinal flow conveyance while N (N is an integer of 2 or more) workpiece rows each formed by arranging a plurality of workpieces each having a shape in which a central portion in the longitudinal direction of the workpiece is narrower in the lateral direction of the workpiece than both end portions in the longitudinal direction along the longitudinal direction are arranged in the lateral direction and performing the longitudinal flow conveyance while both the end portions of the workpieces are adjacent to the central portions of the workpieces adjacent thereto in the lateral direction; (2) associating N workpieces included in workpiece rows different from each other from among the N workpiece rows conveyed by the longitudinal flow conveyance in accordance with a predetermined association pattern to form workpiece groups each configured from the N workpieces; and (3) with respect to each of the workpiece groups changing the conveyance of the workpieces of the workpiece group from the longitudinal flow conveyance to lateral flow conveyance. In the formation of the workpiece groups workpieces adjacent to each other in the lateral direction are associated with each other in accordance with the association pattern.

No. of Pages : 46 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5875/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CELL ENERGY CONSERVING INFORMATION PROCESSING METHOD NETWORK DEVICE AND UE

(51) International classification	:H04W24/00
(31) Priority Document No	:201110008622.5
(32) Priority Date	:14/01/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2012/070389
Filing Date	:16/01/2012
(87) International Publication No	:WO 2012/095034
(61) 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)ZHAO Yang
2)LUO Chao
3)QIN Jun

(57) Abstract :

Provided are a cell energy conserving information processing method a network device and a UE. A cell energy conserving information processing method comprises: a measurement mode notification information is generated said notification information including an instruction message of measuring a neighboring cell using an energy conserving measurement mode (101); the measurement mode notification information is transmitted to a UE so that the UE can measure the neighboring cell according to the instruction message (102). In embodiments of the present invention a network device can instruct a UE to measure a cell using an energy conserving measurement mode by transmitting a measurement mode notification information to the UE thereby ensuring the UE to take accurate measurements on a neighboring cell and thereby enabling the network device to perform effective mobile management on the UE according to the accurate measurements taken by the UE.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5980/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IDENTIFICATION METHOD FOR VALUABLE FILE AND IDENTIFICATION DEVICE THEREOF

(51) International classification	:G07D7/20,G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:201110278160.9	1)GRG BANKING EQUIPMENT CO. LTD.
(32) Priority Date	:19/09/2011	Address of Applicant :9 Kelin Road Science City Luogang
(33) Name of priority country	:China	District Guangzhou Guangdong 510663 China
(86) International Application No	:PCT/CN2012/078218	(72)Name of Inventor :
Filing Date	:05/07/2012	1)XIANG Tuowen
(87) International Publication No	:WO 2013/040933	2)LIU Mengtao
(61) Patent of Addition to Application	:NA	3)LI Ming
Number	:NA	4)XU Chaoyang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An identification method for a valuable file and an identification device thereof. The method includes the following steps: (1) acquiring an original infrared image type denomination and orientation data of a current valuable file; (2) obtaining size data and infrared characteristic data of a corresponding standard valuable file; (3) applying an image projection conversion technology and correcting the original infrared image to form a second infrared image matched with the size of the standard valuable file; (4) obtaining the infrared characteristic data of the current valuable file from the second infrared image and comparing same with that of the standard valuable file to identify whether the current valuable file is true or false; and (5) outputting the identification result. This method and device correct the original infrared image reducing the quality acquisition requirements thereof and can collect an image directly using a camera on a simply equipped mobile device improving identification accuracy.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6092/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OPTIMIZED ANNULAR COPPER TSV

(51) International classification :H01L21/28,H01L21/768
(31) Priority Document No :13/167107
(32) Priority Date :23/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043052
Filing Date :19/06/2012
(87) International Publication No :WO 2012/177585
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk NY 10504 U.S.A.

(72)Name of Inventor :

1)ANDRY Paul S.

2)FAROOQ Mukta G.

3)HANNON Robert

4)IYER Subramanian S.

5)KINSER Emily R.

6)TSANG Cornelia K.

7)VOLANT Richard P.

(57) Abstract :

The present disclosure provides a thermo mechanically reliable copper TSV and a technique to form such TSV during BEOL processing. The TSV constitutes an annular trench which extends through the semiconductor substrate. The substrate defines the inner and outer sidewalls of the trench which sidewalls are separated by a distance within the range of 5 to 10 microns. A conductive path comprising copper or a copper alloy extends within said trench from an upper surface of said first dielectric layer through said substrate. The substrate thickness can be 60 microns or less. A dielectric layer having interconnect metallization conductively connected to the conductive path is formed directly over said annular trench.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6094/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRACK DEPENDENT DATA RANDOMIZATION MITIGATING FALSE VFO DETECTION

(51) International classification :G11B5/008
(31) Priority Document No :13/149905
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/076089
Filing Date :25/05/2012
(87) International Publication No :WO 2012/163250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.
2)IBM (CHINA) CO. LIMITED
(72)**Name of Inventor :**
1)CIDECIYAN Roy D.
2)MITTELHOLZER Thomas
3)SEGER Paul J.
4)TANAKA Keisuke

(57) Abstract :

A method for randomizing data to mitigate false VFO detection is described. In one embodiment such a method includes simultaneously receiving multiple input data streams. Each input data stream is associated with a different track on a magnetic tape medium. The input data streams are simultaneously scrambled to produce multiple randomized data streams. The input data streams are scrambled such that different bit patterns are produced in the randomized data streams even where corresponding bit patterns in the input data streams are identical. The randomized data streams are simultaneously written to their associated data tracks on the magnetic tape medium. A corresponding apparatus is also described.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.124/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOT CODE PATTERN FOR ABSOLUTE POSITION AND OTHER INFORMATION USING AN OPTICAL PEN PROCESS OF PRINTING THE DOT CODE PROCESS OF READING THE DOT CODE

(51) International classification :G06K9/00,G06K15/00,G06F3/03
(31) Priority Document No :61/398891
(32) Priority Date :06/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/BR2011/000198
Filing Date :30/06/2011
(87) International Publication No :WO 2012/003558
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)REZENDE Marcelo Amaral
Address of Applicant :Rua Lauro Linhares 589 4º Andar
Trindade 88036 001 Florianópolis SC Brazil
(72)Name of Inventor :
1)REZENDE Marcelo Amaral

(57) Abstract :

A manufacture for encoding information from which a position of an optical pen tip can be derived said manufacture includes a display medium having a supporting base and upon which is encoded a two dimensional code pattern that is continuously arranged on an entire surface of the supporting base; wherein the pattern is formed by a sequence of narrow parallel bands including at least two parallel lines of which one line is a base line the remaining lines are secondary lines; wherein each narrow parallel band includes a sequence of dots the dots being arranged in a pre determined position in order to represent a number at a selected number base.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4985/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STATOR REFINER PLATE ELEMENT HAVING CURVED BARS AND SERRATED LEADING EDGES

(51) International classification

:B02C

(31) Priority Document No

:14/056,348

(32) Priority Date

:17/10/2012

(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

(71)Name of Applicant :

1)ANDRITZ INC.

Address of Applicant :ONE NAMIC PLACE, GLENS FALLS, NEW YORK 12801 U.S.A.

(72)Name of Inventor :

1)GINGRAS, LUC

(57) Abstract :

A refining system and process using a specially designed stator refiner plate that includes a major refining surface comprising a series of bars and grooves, the bars include a leading surface that comprises an irregular ; surface hosting a series of protrusions extending along the bar, and a trailing surface that is relatively smooth compared to the leading surface that lacks an irregular surface.

No. of Pages : 31 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6010/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OVERVOLTAGE PROTECTION DEVICE HAVING AT LEAST ONE SURGE ARRESTER

(51) International classification	:H01C7/12,H01H37/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 011 717.2	1)DEHN + S-HNE GMBH + CO. KG
(32) Priority Date	:18/02/2011	Address of Applicant :Hans Dehn Strae 1 92318
(33) Name of priority country	:Germany	Neumarkt/Opf. Germany
(86) International Application No	:PCT/EP2011/072131	(72)Name of Inventor :
Filing Date	:07/12/2011	1)HIRSCHMANN Helmut
(87) International Publication No	:WO 2012/110135	2)WITTMANN Georg
(61) Patent of Addition to Application	:NA	3)Z„UNER Edmund
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an overvoltage protection device comprising at least one surge arrester and one switchgear assembly which is connected in series to the surge arrester and which can be triggered thermally wherein the aforementioned components form a structural unit and the thermal tripping means is arranged in the area of the expected heating up of the surge arrester when overloaded. According to the invention the thermal tripping unit is configured as a stop element through which operating current or surge current does not flow. In the event of thermal overload the stop element opens a releasing device of the switchgear assembly wherein said switchgear assembly has an increased self extinguishing capacity.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6011/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR SETTING EPP REGISTRY SERVICE STATUS

(51) International classification :H04L29/12

(31) Priority Document No :12/982125

(32) Priority Date :30/12/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/065317

Filing Date :16/12/2011

(87) International Publication No :WO 2012/091951

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VERISIGN INC.

Address of Applicant :12061 Bluemont Way Reston Virginia
20190 U.S.A.

(72)Name of Inventor :

1)GOULD James

2)VEERAMACHANENI Srikanth

3)STRIER Suzanna

4)SHORTER William

(57) Abstract :

A system method and computer readable medium enable a domain name or host name registry to effectively manage status codes associated with the domain or host. Status codes are organized into status sets that can be added removed activated or deactivated in accordance with a suitable change request. The status codes corresponding to a removed status set that are also enabled according to other active status sets are not removed when the removal of the status set is processed.

No. of Pages : 28 No. of Claims : 21

(54) Title of the invention : METHOD FOR ESTIMATING THE DISTANCE OF A RECEIVER FROM A RADIO TRANSMITTER
RELATIVE METHODS FOR CALCULATING THE POSITION OF A MOBILE TERMINAL MOBILE TERMINAL AND
LOCALIZATION DEVICE

(51) International classification	:H04W64/00	(71)Name of Applicant :
(31) Priority Document No	:TO2011A000168	1)SISVEL TECHNOLOGY S.R.L.
(32) Priority Date	:25/02/2011	Address of Applicant :Via Castagnole 59 I 10060 None (TO)
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2012/050900	(72)Name of Inventor :
Filing Date	:27/02/2012	1)PORZIO GIUSTO Pietro
(87) International Publication No	:WO 2012/114320	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for estimating the distance (d) of a receiver (102) from a radio transmitter (101) comprising the steps of: receiving (602) radio signals (103 701) irradiated by the transmitter (101) which comprise components from which at least three tones (1 2 3 4) are extracted each having a different frequency; measuring (606) a first phase difference (f21) between first two tones (1 2) of said at least three tones whose frequencies (f1; f2) have a first spacing and measuring a second phase difference (f43) between second two tones (3 4) of said at least three tones whose frequencies (f3 f4) have a second spacing wherein one of said first spacing or second spacing is greater than the other; estimating (607 611 613) said distance (d) on the basis of said first phase difference (f21) and said second phase difference (f43). The present invention also concerns related methods for calculating the position of a mobile terminal to a mobile terminal and to a device for localizing a mobile terminal. Said methods are preferably applied to transceiver systems using OFDM modulation such as for example cellular networks compliant with the Long Term Evolution (LTE) standard and systems based on the IEEE 802.16 (WiMax) standard.

No. of Pages : 41 No. of Claims : 14

(54) Title of the invention : LASER GAS ANALYSIS

(51) International classification :G01N21/35,G01N21/39,G01N21/85
 (31) Priority Document No :1151167
 (32) Priority Date :14/02/2011
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2012/050286
 Filing Date :09/02/2012
 (87) International Publication No :WO 2012/168588
 (61) 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 d'Alsace F 92400
 Courbevoie France
2)SAINT GOBAIN EMBALLAGE
 (72)Name of Inventor :
1)CANOVA Lorenzo
2)ROUGNON Mathieu

(57) Abstract :

The invention relates to a device for measuring the concentration of a molecule such as CO NO or NO in a gaseous atmosphere at a temperature of more than 1 200°C in an enclosure said molecule including an absorption line having a wavelength of between 4 and 8 micrometers said device including an emitter (2) of laser radiation having a wavelength corresponding to that of the absorption line said emitter (2) emitting laser radiation through a first window (4) and then through said atmosphere (7) said window (4) being made of a solid material having a transmittance for a thickness of 1 mm of the material that is greater than 50% of the wavelength of the laser radiation the laser radiation being analyzed after an analyzer (11) has passed through said atmosphere (7) said analyzer determining the absorption of the laser radiation by the molecule in the gaseous atmosphere (7) the window (4) being arranged on or in a wall (6 10) of the enclosure if necessary via an insert in order to prevent the hot atmosphere (7) of the enclosure from egressing therefrom. The invention enables the equipment upon which it is mounted to be measured continuously and during normal operation. The device according to the invention can be provided on a glass furnace and can continuously measure the concentration of gas species in the hot atmosphere (7) during the normal operation of the furnace (1) thereby enabling the furnace burners to be adjusted during operation.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6132/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MANAGING OPERATOR MESSAGE BUFFERS IN A COUPLING FACILITY

(51) International classification :G06F13/37

(31) Priority Document No :13/157918

(32) Priority Date :10/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2012/052836

Filing Date :06/06/2012

(87) International Publication No :WO 2012/168866

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk NY 10504 U.S.A.

2)IBM UNITED KINGDOM LIMITED

3)IBM (CHINA) INVESTMENT COMPANY LIMITED

(72)Name of Inventor :

1)SHAW Thomas

2)GOSS Steven Neil

3)ELKO David

(57) Abstract :

A facility is provided to enable operator message commands from multiple distinct sources to be provided to a coupling facility of a computing environment for processing. These commands are used for instance to perform actions on the coupling facility and may be received from consoles coupled to the coupling facility as well as logical partitions or other systems coupled thereto. Responsive to performing the commands responses are returned to the initiators of the commands.

No. of Pages : 77 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6133/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STORE STORAGE CLASS MEMORY INFORMATION COMMAND

(51) International classification :G06F13/38
(31) Priority Document No :13/157684
(32) Priority Date :10/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/059857
Filing Date :25/05/2012
(87) International Publication No :WO 2012/168098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.

2)IBM UNITED KINGDOM LIMITED

(72)Name of Inventor :

1)GAINEY JR Charles

2)OAKES Kenneth James

3)MATHIAS Thomas Brian

4)SZWED Peter Kenneth

5)DRIEVER Peter Dana

6)SUTTON Peter Grimm

7)YUDENFRIEND Harry

8)TZORTZATOS Elpida

9)GLASSEN Steven Gardner

(57) Abstract :

Provided is a method of executing an instruction to execute a Store Storage Class Memory Information command in a computing environment comprising main storage and storage class memory the method comprising: obtaining by an input/output (I/O) subsystem a request block the request block comprising a command code indicating the Store Storage Class Memory Information command; based on the command code obtaining by the I/O subsystem information relating to the storage class memory; and storing the information in a response block the response block configured to include a header area and a storage class memory address list of one or more entries representing one or more storage class memory increments that occupy one or more ranges of storage class memory addresses and wherein the storing the information comprises storing header information in the header area and storing the one or more entries in the response block wherein the header area includes parameters about the list of one or more entries including an indication of a size of storage class memory increments.

No. of Pages : 166 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6137/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR IMPLEMENTING TIME SYNCHRONIZATION

(51) International classification :H04L7/00,H04B7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/070671
Filing Date :26/01/2011
(87) International Publication No :WO 2011/143950
(61) 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)FENG Liexun
2)HE Yong

(57) Abstract :

The present invention discloses a method for time synchronization and a base station system thereof which includes a main unit at least one Radio Unit (RU) and the optical fibers for transmitting information between the main unit and said at least one RU. The base station system also includes a clock synchronization server configured close to an end of the at least one RU or integrated with the at least one RU. The clock synchronization server is applied for transmitting synchronization data to the main unit through the optical fibers thus the main unit performs according to the synchronization data configuration processing to implement time synchronization with the clock synchronization server. With the solution provided by the present invention the time synchronization between the main unit and the clock synchronization server is enabled thus the choice of the main unit sites of the system is more flexible and devices are simple and low cost.

No. of Pages : 21 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5364/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTROMAGNETIC VALVE DEVICE FOR HIGH-PRESSURE FLUID

(51) International classification	:h05k	(71)Name of Applicant :
(31) Priority Document No	:2012-258239	1)DENSO CORPORATION
(32) Priority Date	:27/11/2012	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF. 448-8661 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ISHIBASHI, RYO
Filing Date	:NA	2)TAKAGI, AKIRA
(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 guide portion (20) made of a magnetic material can be filled with a gaseous fuel of high-pressure and is slidably receiving a movable core (30). The guide portion is constructed by a first small-diameter portion (206), a second small-diameter portion (207), and a magnetism blocking portion (21) having a wall thickness less than that of the first small-diameter portion (206) and the second small-diameter portion (207). When a magnetic circuit (M2) is generated by energizing the coil (41), a magnetic flux passing through the first small-diameter portion (206) passes through the second small-diameter portion (207) via an end face (321) of the movable core (30) and generates a magnetic attractive force (F2) inclining with respect to a center axis (q>). Therefore, the movable core (30) is moved to the stator core (35) by the magnetic attractive force (F2) adding a magnetic attractive force (F1) generated by a magnetic circuit (M1). Thus, a facing area of the movable core (30) relative to the stator core (35) can be made smaller, and a size of the electromagnetic valve device (1) for the gaseous fuel can be made smaller.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5705/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR FAULT PROTECTION

(51) International classification	:H01J
(31) Priority Document No	:201210557048.3
(32) Priority Date	:20/12/2012
(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

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)**Name of Inventor :**
1)ZHANG, YINGQI
2)ZHANG, FIN
3)WU, TAO
4)CHEN, KUNLUN

(57) Abstract :

A protection system includes a control module, a switch, and an inductive device. The control module is used to provide control signals and switching signals based at least in part on a detected signal measured by a detecting device. The control signals include a first control signal corresponding to a normal mode and a second control signal corresponding to a fault mode. The switch is switched on and off according to the switching signals. The inductive device is coupled with the switch. The inductive device is controlled to be operated with a first inductance in response to the first control signal provided from the control module and a second inductance in response to the second control signal provided from the control module. A method for operating the protection system and a circuit system based on the protection system are also provided.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/07/2013

(21) Application No.6159/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHELATING AGENT PRECURSORS FLUIDS CONTAINING THEM AND THEIR USE

(51) International classification :C07C229/24,C07C229/12,C07C227/18
(31) Priority Document No :61/445291
(32) Priority Date :22/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/052824
Filing Date :20/02/2012
(87) International Publication No :WO 2012/113738
(61) 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.
Address of Applicant :Stationsstraat 77 NL 3811 MH
Amersfoort Netherlands
(72)Name of Inventor :
1)LEPAGE James N.
2)DE WOLF Cornelia Adriana
3)BEMELAAR Johanna Hendrika
4)REICHWEIN Adrianus Maria
5)CARSTENS Axel
6)BANG Edwin Rudolf Antony

(57) Abstract :

The present invention relates to a chelating agent precursor that contains glutamic acid N N diacetic acid (GLDA) and/or methylglycine N N diacetic acid (MGDA) wherein at least one of the carboxylic acid groups is present as a carboxylic acid derivative selected from the group of amides anhydrides and esters combinations thereof and salts thereof provided that it is not the triethyl ester of GLDA the triethyl mono t butyl ester of GLDA the tri t butyl ester of GLDA the monobenzyl tri t butyl ester of GLDA any ester or amide that contains azacycloalkane groups any amide that contains biotin groups any amide that contains minoethylcarbamoyl based amide groups (S) diethyl 2 2 (1 benzyloxy) 1 5 dioxo 5 (prop 2 ynylamino)pentan 2 ylazanediy diacetate diethyl 2 2 (5 (3 azidopropylamino) 1 (benzyloxy) 1 5 dioxo pentan 2 ylazanediy diacetate the trimethyl ester of MGDA the monomethyl ester dimethylamide of MGDA the dibenzyl ester of MGDA the dibenzyl mono t butyl ester of MGDA the di t butyl ester of MGDA the di t butyl monobenzyl ester of MGDA N N bis(benzyloxycarbonylmethyl) N methoxycarbonylmethyl alanine amide or N N bis(tert butoxycarbonyl) N methoxycarbonylmethyl alanine amide and esters of GLDA immobilized on a gel and that the amide is not the amide of ammonia to a fluid containing the above chelating precursor and a liquid and to the use of a chelating agent precursor of MGDA and GLDA and fluids containing them in an application wherein delayed acidity or chelating capacity is useful such as in descaling bleaching cleaning and treating oil and/or gas containing subterranean formations.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3415/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/08/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR FUNDING PROJECT FROM TRASH DONATION

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.Vijayan
(32) Priority Date	:NA	Address of Applicant :LIG 36 Annanagar Madurai 625020
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)G.Vijayan
(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 :

In view of the foregoing an embodiment herein provides a system and method for funding projects from trash material donation wherein the system comprising at least a client machine to receive input from plurality of user wherein the user is trash donor and one or more system server for executing system engine and storing and managing data related to the trash and the projects wherein the system server is configured to execute system engine to perform trash disposal management and project funding wherein the system engine comprising a user registration module a project registration module a fund request module a trash clearance module an account module a trash tracking module a verification module a SMS module and a payment module. A method for funding projects from trash material donation is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3879/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A METHOD FOR THE TREATMENT OF A BEARING COMPONENT

(51) International classification	:B65H
(31) Priority Document No	:102012215591.0
(32) Priority Date	:03/09/2012
(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)AKTIEBOLAGET SKF
Address of Applicant :415 50 GOTEORG Sweden
(72)**Name of Inventor :**
1)THILO VON SCHLEINITZ

(57) Abstract :

The invention relates to a method for the treatment of a bearing component. In the method according to the invention, the bearing component is subjected to burnishing treatment. The burnished bearing component is subjected to thermal re-treatment, in which it is stored at a holding temperature during a holding time, the holding time amounting to at least 30 minutes and the holding temperature lying in a range between 3 K and 100 K below the tempering temperature of the bearing component. Immediately after the burnishing treatment and before it is cooled to a minimum temperature of 50°C, the bearing component is wetted with a liquid protective medium, which is resistant up to a temperature of at least 200°C, and/or is subjected to the thermal re-treatment.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.504/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS OF TREATING HEPATORENAL SYNDROME AND HEPATIC ENCEPHALOPATHY WITH THROMBOXANE A2 RECEPTOR ANTAGONISTS

(51) International classification	:C12N5/07,C12N5/16	(71)Name of Applicant :
(31) Priority Document No	:61/364179	1)CUMBERLAND EMERGING TECHNOLOGIES INC
(32) Priority Date	:14/07/2010	Address of Applicant :2525 West End Ave. Suite 950
(33) Name of priority country	:U.S.A.	Nashville TN 37203 U.S.A.
(86) International Application No	:PCT/US2011/044021	(72)Name of Inventor :
Filing Date	:14/07/2011	1)PAVLIV Leo
(87) International Publication No	:WO 2012/009545	2)OGLETREE Martin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to methods of treating hepatorenal syndrome by administration of a therapeutically effective amount of a thromboxane A2 receptor antagonist to a patient in need thereof. The present invention is also directed to methods of treating hepatic encephalopathy and cerebral edema by administration of a therapeutically effective amount of a thromboxane A2 receptor antagonist to a patient in need thereof.

No. of Pages : 40 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6074/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LEPTIN DERIVATIVES

(51) International classification	:A61K47/48,A61P3/04	(71) Name of Applicant :
(31) Priority Document No	:11152160.5	1)NOVO NORDISK A/S
(32) Priority Date	:26/01/2011	Address of Applicant :Novo All DK 2880 Bagsv'rd Denmark
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2012/051055	1)KODRA János Tibor
Filing Date	:24/01/2012	2)CONDE FRIEBOES Kilian Waldemar
(87) International Publication No	:WO 2012/101124	3)PAULSSON Johan Fredrik
(61) Patent of Addition to Application Number	:NA	4)RAUN Kirsten
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to Leptin derivatives compositions and therapeutic use there of.

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6184/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTRONIC APPARATUS WATER DETECTION MEANS CONTROL METHOD AND ELECTRONIC APPARATUS OPERATION MODE SETTING METHOD

(51) International classification :H04M1/00,H04M1/73,H04N5/225
(31) Priority Document No :2011026390
(32) Priority Date :09/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052787
Filing Date :07/02/2012
(87) International Publication No :WO 2012/108443
(61) 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 CASIO MOBILE COMMUNICATIONS LTD.
Address of Applicant :1753 Shimonumabe Nakahara ku
Kawasaki shi Kanagawa 2118666 Japan
(72)**Name of Inventor :**
1)MINAMI Takashi

(57) Abstract :

An electronic apparatus (10) is capable of operating in water. The electronic apparatus (10) comprises a communication means (120) a water detection means (35) and a control means (100). The communication means (120) receives radio waves. The water detection means (35) detects whether the electronic apparatus (10) is immersed in water. If the reception signal strength of the radio waves which the communication means (120) receives is less than a threshold level the control means (100) operates the water detection means (35).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6185/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STEPPING SWITCH

(51) International classification :G05F1/20,H02M5/12,H01F29/02
(31) Priority Document No :10 2011 010 388.0
(32) Priority Date :05/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051397
Filing Date :30/01/2012
(87) International Publication No :WO 2012/104232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MASCHINENFABRIK REINHAUSEN GMBH
Address of Applicant :Falkensteinstrae 8 93059 Regensburg
Germany
(72)Name of Inventor :
1)VON BLOH Jochen
2)ENGEL Stefan
3)DOHNAL Dieter
4)VIERECK Karsten

(57) Abstract :

The invention relates to a stepping switch for voltage control comprising semiconductor switch elements on a variable transformer having associated regulating windings. The stepping switch has a modular design wherein each module comprises a respective sub winding of the regulating winding which can be activated or deactivated by semiconductor switch elements.

No. of Pages : 13 No. of Claims : 3

(54) Title of the invention : DRIVE CONTROL DEVICE FOR HYBRID VEHICLE AND HYBRID VEHICLE

(51) International classification :B60W10/06,B60K6/445,B60W20/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2011/000619
 Filing Date :03/02/2011
 (87) International Publication No :WO 2012/104922
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
 Address of Applicant :300 Takatsuka cho Minami ku
 Hamamatsu shi Shizuoka 4328611 Japan
 (72)**Name of Inventor :**
1)TAGAWA Masaaki
2)ITO Yoshiki
3)SAITO Masakazu
4)OHKUMA Hitoshi
5)HOSOE Yukihiro

(57) Abstract :

When controlling the drive state of an engine (2) a first motor generator (4) and a second motor generator (5) a target engine power (Pengt) is calculated from a target drive power (Pdvt) required of a vehicle and a target engine operating point which is commensurate with the target engine power (Pengt) and is formed from a target engine torque (Tengt) and a target engine rotation speed (Nengt) is found on a target operating line. If the target engine operating point found is different from the target engine operating point found on the previous occasion the variation in the target engine rotation speed (Nengt) is restricted to a specified engine rotation speed variation (Neng0) and the target engine torque (Tengt) is reset in accordance with the target engine rotation speed (Nengt) for which the variation is restricted on the basis of the same target operating line. Thus sudden or frequent changes in the engine rotation speed (Neng) are suppressed and prevented and the target engine power (Pengt) and the target drive power (Pdvt) can be guaranteed whilst maintaining efficiency.

No. of Pages : 48 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5979/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING A MECHANISM FOR GESTURE RECOGNITION

(51) International classification :G06T7/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2010/080558

Filing Date :31/12/2010

(87) International Publication No :WO 2012/088702

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FI 02150 Espoo
Finland

(72)Name of Inventor :

1)WANG Kongqiao

2)XU Lei

3)LI Jiangwei

4)LIU Yingfei

(57) Abstract :

A method for providing a mechanism for gesture recognition may include causing down sampling of image data received to generate down sampled image blocks for a plurality of image frames causing extraction of a plurality of features from the down sampled image blocks determining a moving status of the down sampled image blocks based on changes in values of respective features in consecutive frames and determining a direction of motion of an object in the image data based on movement of a first border and a second border of a projection histogram determined based on the moving status of respective down sampled image blocks. A corresponding apparatus and computer program product are also provided.

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6196/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ICE MACHINE SAFE MODE FREEZE AND HARVEST CONTROL AND METHOD

(51) International classification :F25C1/00
(31) Priority Document No :61/438189
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023294
Filing Date :31/01/2012
(87) International Publication No :WO 2012/106318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MANITOWOC FOODSERVICE COMPANIES LLC
Address of Applicant :2400 South 44th Street Manitowoc WI
54220 U.S.A.
(72)Name of Inventor :
1)TIRUMALA Ramesh B.
2)YORK William Roy
3)MUELLER Lee Gerard
4)HAACK Raymond R.
5)ERBS Daryl G.

(57) Abstract :

A controller continues to operate an ice making machine in a safe mode when a failure of a component is detected. While in the safe mode due to failure of an ice thickness probe the freeze cycle freeze time is based on an average freeze time of a predetermined number of the most previous freeze cycles prior to the failure. While in the safe mode due to failure of a water level probe the water valve on time is based on an average water valve on time of a predetermined number of the most previous freeze cycles prior to the failure. If the failure is uncured after a predetermined time the controller causes the ice making machine to enter a standby mode or disables the ice making machine from making ice.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6197/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR INTERCELL UPLINK INTERFERENCE CONTROL

(51) International classification	:H04W52/24,H04W72/08	(71)Name of Applicant :
(31) Priority Document No	:61/442663	1)QUALCOMM Incorporated
(32) Priority Date	:14/02/2011	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/025119	(72)Name of Inventor :
Filing Date	:14/02/2012	1)SAMBHWANI Sharad Deepak
(87) International Publication No	:WO 2012/112605	2)VENKATACHALAM JAYARAMAN Venkata Ramanan
(61) Patent of Addition to Application Number	:NA	3)MOHAN Siddharth
Filing Date	:NA	4)KAPOOR Rohit
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wireless user equipment (UE) operating in a wireless communication system may operate in a state for example the CELL_FACH state in UMTS that does not allow for soft handoff from one cell to another. This inability to engage in soft handover may lead to intercell interference at a non serving cell when the UE transmits on its uplink in close proximity to the non serving cell. Therefore provided in the present disclosure is method of wireless communication which includes receiving a neighbor cell identification set indicating one or more neighbor cells receiving a relative grant channel resource index corresponding to a relative grant channel shared by at least one of the one or more neighbor cells detecting intercell interference associated with a user equipment (UE) in the one or more neighbor cells and transmitting a non serving relative grant message to the UE on the relative grant channel.

No. of Pages : 53 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3260/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 12/09/2014

(54) Title of the invention : ALCOHOL FREE MOUTHWASH WITH IMMEDIATE AND SUSTAINED ACTION

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)RAMACHANDRAN, RADHAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :B1/1202, SOUTH CITY, AREKERE
(33) Name of priority country	:NA	MICO LAYOUT, B.G. ROAD, BANGALORE - 560 076
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)RAMACHANDRAN, RADHAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)SHAJI PAULOSE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pleasant-tasting, alcohol-free oral mouthwash composition is effective in eliminating the bacteria and other oral micro-flora responsible for the production of plaque, periodontitis, gingivitis, gum disease and bad breath. The composition provides an immediate and sustained action against micro-flora up to 24 hours. The composition consists of a unique blend of the essential oils Thymol, Eucalyptol, Methyl salicylate and Menthol that are dissolved in AVIGNASOL® and other co-solvents. The composition also contains required flavor, colours, and stabilizers.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5788/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING REQUIREMENTS FOR INTERFACE BETWEEN VIRTUAL NETWORK ELEMENTS AND NETWORK HYPERVISOR FOR SEAMLESS (DISTRIBUTED) VIRTUAL NETWORK RESOURCES MANAGEMENT

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:61/758,333	1)ZTE (USA) INC.
(32) Priority Date	:30/01/2013	Address of Applicant :2425 N. CENTRAL EXPRESSWAY,
(33) Name of priority country	:U.S.A.	SUITE 323 RICHARDSON, TEXAS 75080 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHUMIP KHASNABISH
(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 method for determining and then abstracting the requirements for the interface between virtual network entity or element (VNE) and Network Hypervisor (NHV) is described. The abstraction helps creation of an open and interoperable VNE-NHV environment because suitable interworking Apps for interface can now be easily invoked on the basis of instantaneous demands from the services. Automation of configuration together with assignment of VNEs mitigates the impact of limitation of resources in any network. Once an NHV is created and the VNEs irrespective of their domains are attached to it, the VNEs can be utilized by the services seamlessly.

No. of Pages : 13 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7031/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WATER INSOLUBLE COLORING COMPOUND INK RESIST COMPOSITION FOR COLOR FILTER AND THERMAL TRANSFER RECORDING SHEET

(51) International classification :C09B11/28,B41M5/385,B41M5/388
(31) Priority Document No :2011059555
(32) Priority Date :17/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056793
Filing Date :09/03/2012
(87) International Publication No :WO 2012/124792
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CANON KABUSHIKI KAISHA
Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
Tokyo 1468501 Japan
(72)Name of Inventor :
1)TAKAHASHI Kaoru
2)SHINTOU Taichi
3)TANI Yutaka
4)NAKANO Masao
5)UJIFUSA Takayuki
6)SAITO Satoshi
7)MURAI Yasuaki
8)INOUE Kei
9)HIROSE Masashi
10)MIYAZAKI Takeshi

(57) Abstract :

The present invention provides a water insoluble coloring compound that has high solubility in solvent good color tone and saturation spectral reflectance characteristics for a wide color gamut and a high light resistance. The present invention provides an ink containing the water insoluble coloring compound. Furthermore the present invention provides a resist composition for color filter and a thermal transfer recording sheet each produced using the ink. The present invention provides a water insoluble xanthene coloring compound having a specific structure.

No. of Pages : 70 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7033/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COATING MATERIAL COATING MATERIAL LAYER AND LAMINATED STRUCTURE

(51) International classification :C09D201/00,C09D5/02,C09D5/29
(31) Priority Document No :2011024447
(32) Priority Date :07/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052702
Filing Date :07/02/2012
(87) International Publication No :WO 2012/108414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)F Consultant Co. Ltd.
Address of Applicant :5 31 Nakahozumi 3 chome Ibaraki shi
Osaka 5670034 Japan
(72)Name of Inventor :
1)ADACHIMasashi
2)YANOSeigou
3)ISHIZUMIMasafumi
4)KAKEHIDAKoji
5)KURODAHirofumi

(57) Abstract :

Provided are: a coating material which is able to present clarity sense of depth and the like and is also advantageous in terms of ease and light weight; and a laminated (coated) structure which is superior in clarity sense of depth and other aesthetic properties and is also advantageous in terms of light weight suppression of temperature elevation and the like. This coating material includes two or more types of coloring granules of different colors wherein the coating material is characterized in that at least one of the types of coloring granules comprises transparent coloring granules including a water based resin as well as a chromatic powder and/or a black powder the transparent coloring granules being formed by granulating a transparent coloring material and the transparent coloring material forming a transparent coloring film having a contrast ratio of at most 80%.

No. of Pages : 77 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7034/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LUBRICANT COMPOSITIONS COMPRISING POLYALKYLENE GLYCOL DIETHER WITH LOW NOACK VOLATILITY

(51) International classification :C10M107/34,C10M129/10,C10M133/12
(31) Priority Document No :61/468615
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028760
Filing Date :12/03/2012
(87) International Publication No :WO 2012/134794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)Name of Inventor :
1)ZWEIFEL Daniel
2)VAN VOORST Ronald
3)MEERTENS Marinus

(57) Abstract :

Provided are lubricant compositions that exhibit high viscosity index and low Noack volatility. A lubricant composition of the invention comprises: (a) a polyalkylene glycol of formula I: RO (AO) R (I) wherein R R and n are as defined herein; and (b) an additive package comprising an anti oxidant.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.394/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :24/02/2009

(43) Publication Date : 12/09/2014

(54) Title of the invention : MURALIDHARAN CYLCE (THREE STROKE CYCLE) FOR I.C. ENGINES

(51) International classification	:f02d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAKRISHNAN MURALIDHARAN
(32) Priority Date	:NA	Address of Applicant :NO;6/106, KAMBAR ST,
(33) Name of priority country	:NA	VRIDDHACHALAM, CUDDALORE DIST, TAMIL NADU,
(86) International Application No	:NA	INDIA, PIN - 606 001 Tamil Nadu India
Filing Date	:NA	2)MURALIDHARAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BALAKRISHNAN MURALIDHARAN
Filing Date	:NA	2)MURALIDHARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This cycle consists of three strokes (1) air injection stroke (2) firing (or) power stroke (3) exhaust stroke. Here for example calculation a i c engine with following specification is considered power (pw) = 13420 watts, rpm(N) =5625 rpm, total cc=350 cc, available cc=346 cc, bore (b) =70mm cylinder length (L) =90mm, stroke length (Lst) =67.5mm

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5546/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ALPHA-CHAIN CONSTRAINTS FOR PROCESS PLANNING

(51) International classification	:A22C
(31) Priority Document No	:13/758,353
(32) Priority Date	:04/02/2013
(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 :**
1)THE BOEING COMPANY
Address of Applicant :100 NORTH RIVERSIDE PLAZA,
CHICAGO, ILLINOIS 60606-2016 U.S.A.

(72)**Name of Inventor :**
1)WARREN R. FURBECK
2)DAVID L. GROSE
3)THOMAS E. SHERER
4)SCOTT D. BUTTON

(57) Abstract :

A method is provided that includes receiving process-related information describing a process for production of a product, including a logical sequence of tasks (902) to produce respective internal products of the process. The method also includes constructing a schedule for the process based on the process-related information, with the process schedule being for execution of at least some of the tasks (902) each of which utilizes or requires inputs including temporally a last input. Construction of the process schedule includes separating each of at least some of the respective tasks (902) into a closure portion that requires availability of the last input of its task before being initiated, and a distinct precursor portion (906) capable of being initiated before the respective last input is available. The closure portions (904) of the respective tasks (902) may be temporally sequenced without intervening precursor portions (906), and the precursor portions (906) may be prepended to respective, temporally-sequenced closure portions (904).

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6114/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OPERATOR MESSAGE COMMANDS FOR TESTING A COUPLING FACILITY

(51) International classification :G06F11/30

(31) Priority Document No :13/157913

(32) Priority Date :10/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2012/052835

Filing Date :06/06/2012

(87) International Publication No :WO 2012/168865

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.

2)IBM UNITED KINGDOM LIMITED

3)IBM (CHINA) INVESTMENT COMPANY LIMITED

(72)Name of Inventor :

1)SHAW Thomas

2)GOSS Steven Neil

3)ELKO David

(57) Abstract :

A facility is provided to enable operator message commands from multiple distinct sources to be provided to a coupling facility of a computing environment for processing. These commands are used for instance to perform actions on the coupling facility and may be received from consoles coupled to the coupling facility as well as logical partitions or other systems coupled thereto. Responsive to performing the commands responses are returned to the initiators of the commands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OXIDATIVE DESULFURIZATION USING A TITANIUM(IV) CATALYST AND ORGANOHYDROPEROXIDES

(51) International classification	:B01J23/00	(71)Name of Applicant :
(31) Priority Document No	:61/365842	1)AUTERRA INC.
(32) Priority Date	:20/07/2010	Address of Applicant :10 Hermes Road Malta NY 12020
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/044439	(72)Name of Inventor :
Filing Date	:19/07/2011	1)LITZ Kyle E.
(87) International Publication No	:WO 2012/012368	2)VREELAND Jennifer L.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Oxidative desulfurization (ODS) is an attractive alternative to hydrodesulfurization (HDS) technology due to its lower energy requirement for the removal of refractory sulfur species such as dibenzothiophene (DBT) from heavier petroleum streams. Diesel containing DBT may be oxidized using a heterogeneous titanium(IV) catalyst and organohydroperoxide oxidant such as tert butyl hydroperoxide (TBHP) cumyl hydroperoxide (CHP) and/or ethylbenzene hydroperoxide (EBHP) which proves effective for the selective oxidation and removal of refractory sulfur compounds from diesel fuel.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7041/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR SYNTHESIZING KETOBENZOFURAN DERIVATIVES

(51) International classification :C07D307/80,C07D307/84	(71)Name of Applicant :
(31) Priority Document No :1152453	1)SANOFI
(32) Priority Date :24/03/2011	Address of Applicant :54 rue La Botie F 75008 Paris France
(33) Name of priority country :France	(72)Name of Inventor :
(86) International Application No :PCT/FR2012/050607	1)GRIMAUD Bernard
Filing Date :23/03/2012	2)GROSSI Pierre Jean
(87) International Publication No :WO 2012/127174	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to a method for synthesizing benzofuran derivatives in particular the dronedarone of formula (D) including carrying out a Fries rearrangement reaction using a sulfonamido benzofuran ester intermediate.

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

(54) Title of the invention : PACKAGING APPARATUS AND PACKAGING METHOD

(51) International classification :B65B11/54,B65B11/08,B65D85/74
 (31) Priority Document No :2011064292
 (32) Priority Date :23/03/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/056961
 Filing Date :19/03/2012
 (87) International Publication No :WO 2012/128237
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MEIJI CO. LTD.Address of Applicant :2 10 Shinsuna 1 chome Koutou ku
Tokyo 1368908 Japan

(72)Name of Inventor :

1)KONISHI Nobuyuki**2)TSUJI Naoki****3)SANO Mitsuyoshi**

(57) Abstract :

The present invention pertains to a packaging apparatus for packaging edible oil and fat products that easily lose shape in a cohesive state such that the shape of said products is maintained without loss of edges and without said products passing through a hardening step involving cooling. A carrying plate on which edible oil and fat products that easily lose shape are placed with a packaging sheet therebetween is formed on the upper surface of a carrying plate and while an edible oil or fat product is suctioned via bottom suction holes toward the inside of the carrying plate the outer peripheral wall is brought into sliding contact with the inner peripheral wall of lifting holes on a frame body and made to drop. With the upper surface of the edible oil or fat product that tends to easily lose shape flush with the upper surface of the frame body while forming the edible oil or fat product on each inner peripheral wall of the lifting holes and suctioning the edible oil or fat product via side suction holes toward the inside of the frame body in the vicinity of the lifting holes on the upper side of the frame body folding claw pieces disposed at positions corresponding to each side of the lifting holes are moved forward in the direction of the center of the lifting holes and the periphery of the packaging sheet is bent at the center side on the upper surface of the edible oil or fat product that easily loses shape.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5588/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTRIC DRIVETRAIN OF A DEVICE, AND GAS COMPRESSION EQUIPMENT INCLUDING SUCH A DRIVETRAIN

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:1261966	1)GE ENERGY POWER CONVERSION TECHNOLOGY
(32) Priority Date	:12/12/2012	LTD
(33) Name of priority country	:France	Address of Applicant :BOUGHTON ROAD, RUGBY,
(86) International Application No	:NA	WARWICKSHIRE CV21 1BU U.K.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TAILLARDAT, JEANMARC
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This electric drivetrain (16) of a device (14), such as a gas compression device, includes an electric machine (18) and a system (20) for supplying power to the electric machine (18), the electric machine (18) including a rotor (22) and a stator (24). The electric machine (18) is an asynchronous electric machine, and the power supply system (20) is suitable for supplying voltage to the stator (24) of the electric machine (18), the power supply system (20) making up a source of voltage.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6139/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SELECTING SOCIAL ENDORSEMENT INFORMATION FOR AN ADVERTISEMENT FOR DISPLAY TO A VIEWING USER

(51) International classification	:G06Q30/00
(31) Priority Document No	:13/043424
(32) Priority Date	:08/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/026643
Filing Date	:24/02/2012
(87) International Publication No	:WO 2012/121908
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FACEBOOK INC.

Address of Applicant :1601 Willow Road Menlo Park CA
94025 U.S.A.

(72)Name of Inventor :

1)SCHOEN Kent

(57) Abstract :

A social networking system provides an advertisement for display to a viewing user along with a social endorsement which contains information about a friend of the viewing user in the social networking system. The endorsement is selected from the social information maintained by the social networking system. To select the endorsement the system identifies social networking system objects related to the advertisement as well as interactions between these objects and other users who are connected to the viewing user in the system where each interaction relates to a candidate social endorsement. An affinity score may be computed for each candidate social endorsement where the affinity scores represent a measure of the viewing user s likely interest in each candidate social endorsement. The system selects a social endorsement and provides it for display to the viewing user with the advertisement. In one embodiment the selection is based upon the computed affinity scores.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7068/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOADING CRANE JIB

(51) International classification :B66C23/70,F15B11/20,B66C23/68
(31) Priority Document No :GM 133/2011
(32) Priority Date :10/03/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2012/000056
Filing Date :09/03/2012
(87) International Publication No :WO 2012/119169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PALFINGER AG
Address of Applicant :Franz Wolfram Schererstrasse 24 A
5020 Salzburg Austria
(72)Name of Inventor :
1)WIMMER Eckhard

(57) Abstract :

The invention relates to a hydraulically actuatable jib (100) for a loading crane (101) comprising: at least two jib extensions (1 2) the first jib extension being designed as an outer jib extension (1) and the second jib extension being designed as an inner jib extension (2) at least two feed cylinders (11 21) for extending and retracting the at least two jib extensions (1 2) a hydraulic circuit for a working fluid (5) particularly oil and which comprises a retraction line (6) for retracting the feed cylinders (11 21) in a pressurised manner said retraction line (6) opening into the feed cylinder (11) of the outer jib extension (1) a tank for releasing said working fluid (5) and a control valve (22) that can be switched into an open position when the outer jib extension (1) reaches a defined retraction position particularly when the outer jib extension (1) is substantially fully retracted said valve thereby supplying the feed cylinder (21) of the inner jib extension (2) with pressurised working fluid (5). The working fluid (5) of the retraction line (6) between the tank and the opening (12) at the feed cylinder (11) of the outer jib extension (1) does not come into contact with the feed cylinder (21) of the inner jib extension (2) in any position of said feed cylinder (21) of the inner jib extension (2) until the retraction position of the outer jib extension (1) has been reached.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7071/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOSE SETTING MECHANISM AND INJECTION DEVICE

(51) International classification	:A61M5/24,A61M5/315	(71)Name of Applicant :
(31) Priority Document No	:11159758.9	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:25/03/2011	Address of Applicant :Brüningstrasse 50 65929 Frankfurt
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/055058	(72)Name of Inventor :
Filing Date	:22/03/2012	1)PLUMPTRE David Aubrey
(87) International Publication No	:WO 2012/130705	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dose setting mechanism (1) for a resettable drug delivery device is provided comprising a dose setting member (3) and a drive member (4) for driving a piston rod in a distal direction during dose dispensing wherein the drive member (4) comprises a proximal drive member (4) and a distal drive member (4). Further a first clutch is provided for releasably coupling the proximal drive member (4) and the distal drive member (4). A spring means (7) biases the proximal drive member (4) and the distal drive member (4) in the coupled state during dose setting and dose dispensing. According to one aspect of the invention engaging means (3a 4a) are provided associated to the proximal drive member (4) and to the dose setting member (3) wherein the engaging means (3a 4a) are designed and arranged such that the proximal drive member (4) entrains the dose setting member (3) in the distal direction during dose setting but allows a relative axial movement of the proximal drive member (4) with respect to the dose setting member (3) in the proximal direction. Further the invention refers to an injection device with such a dose setting mechanism.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1107/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONTROL APPARATUS FOR FLUID PUMP

(51) International classification	:F02D41/00	(71)Name of Applicant :
(31) Priority Document No	:2012-061496	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:19/03/2012	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHIMAMURA, HIDEAKI
(87) International Publication No	: NA	2)FUKUSHIMA, TOMOKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus for controlling a fluid pump connected to and driven by an internal combustion engine to draw in and discharge a fluid and having an electric motor to open/close an engine throttle valve, and a controller controlling operation of the electric motor based on detected engine speed and throttle opening degree, the controller sets a desired engine speed (NEa) at a predetermined first engine speed (NEa1) after the engine is started (S10), then changes the set desired engine speed to a predetermined second engine speed (NEa2) (lower than the predetermined first engine speed) when the detected throttle opening degree (TH) exceeds a predetermined first throttle opening degree (THa) (SI 2 to S24), and controls operation of the electric motor such that the engine speed (NE) becomes equal to the desired engine speed (NEa), thereby shorten the period between the start of operation and the start of fluid delivery and enhance pumping efficiency

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.383/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PURIFICATION OF ORGANIC COMPOUNDS USING SURROGATE STATIONARY PHASES ON REVERSED PHASE COLUMNS

(51) International classification	:bo1d	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NEULAND HEALTH SCIENCES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Sanali Info Park, 'A' Block, Ground
(33) Name of priority country	:NA	Floor, 8-2-120/113, Road No.2, Banjara Hills, Hyderabad, India
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ANWER Mohammed Khalid
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A preparative HPLC method for purification of multicomponent organic compounds employing reagents selected from hydrophobic quaternary ammonium salt or quaternary phosphonium salt as a surrogate stationary phase on reversed phase columns.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5836/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR OPERATING AN ELECTRICAL POWER RECTIFIER, AS WELL AS AN ELECTRICAL POWER RECTIFIER

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:102012224336.4	1)GE ENERGY POWER CONVERSION GMBH
(32) Priority Date	:21/12/2012	Address of Applicant :CULEMEYERSTRASSE 1, BERLIN,
(33) Name of priority country	:Germany	12277 Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAKOB, ROLAND
(87) International Publication No	: NA	2)BRUCKNER, THOMAS
(61) Patent of Addition to Application Number	:NA	3)SADOWSKI, PIOTR
Filing Date	:NA	4)BASLER, THOMAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a method for operating an electrical power rectifier (10). The power rectifier (10) comprises at least two branches (11,12,13) that are connected in parallel to each other, each of said branches comprising at least two power semiconductor elements that are connected in series. The collector-emitter voltage $V_{ce}(t)$ and/or the collector current $I_c(t)$ of one of the power semiconductor elements is detected by means of the method. Furthermore, it is determined whether at least one of the following conditions is met: $dV_{ce}(t)/dt < (dV_{ce}/dt)_{crit}$, and/or $dI_c(t)/dt < (dI_c/dt)_{crit}$, and or $I_c(t_{ent}) > I_{ccrit}$. If at least one of the aforementioned conditions has been met, the gate-emitter voltage of at least one of the power semiconductor elements is increased

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5837/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER GENERATION SYSTEM AND METHOD

(51) International classification	:C10J	(71)Name of Applicant :
(31) Priority Document No	:13/726,930	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:26/12/2012	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEPUY, RICHARD ANTHONY
(87) International Publication No	: NA	2)LEININGER, THOMAS FREDERICK
(61) Patent of Addition to Application Number	:NA	3)FANG, YICHUAN
Filing Date	:NA	4)CHADWICK, RONALD KEITH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for generating power using syngas created using biomass gasification are provided. Exemplary power generation systems (100) include a biomass dryer (102) for receiving biomass, a biomass conversion reactor (either a biomass gasifier or a steam-biomass reformer) (106) for receiving the dried biomass (108) and generating syngas (110) therefrom, and an external combustor (112) for combusting the syngas (110) and heating a working fluid to drive a turbine (122) connected to an electrical generator (124). The external combustor (112) includes a heat exchanger element (118) for transferring heat from combustion of the syngas (110) into the working fluid, while maintaining the working fluid isolated from the syngas (110) and from syngas combustion products.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7101/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LUBRICATING OIL COMPOSITION

(51) International classification :C10M171/00,C10M101/02,C10M105/04
(31) Priority Document No :2011103694
(32) Priority Date :06/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051212
Filing Date :20/01/2012
(87) International Publication No :WO 2012/153547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JX Nippon Oil & Energy Corporation
Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku
Tokyo 1008162 Japan
(72)Name of Inventor :
1)MIYAMOTO Hiroya
2)YAGUCHI Akira

(57) Abstract :

As a lubricating oil composition for an internal combustion engine that improves fuel efficiency and has the primary objective of driving a generator provided is a lubricating oil composition characterized by: (A) a base oil being a hydrocarbon base oil of which the ratio (CA/CB) of the proportion (CA) of the component having a carbon number of no greater than 24 of the carbon number distribution obtained by gas chromatography distillation to the proportion (CB) of the component having a carbon number of at least 25 being at least 2.0; the ratio (Vs/Vk) of the high temperature high shear (HTHS) viscosity (Vk) of the lubricating oil composition at 80°C and the HTHS viscosity (Vs) at 150°C being at least 0.4; and the kinematic viscosity at 100°C being 5.2 8 mm/s inclusive.

No. of Pages : 52 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1616/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : ENERGY EFFICIENT CONTRA ROTOR VERTICAL AXIS WIND TURBINE SYSTEMS

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.KARI APPA
(32) Priority Date	:NA	Address of Applicant :Plot 7F KIADB Hoskote Bangalore
(33) Name of priority country	:NA	560027; Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.KARI APPA
(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 :

In view of the foregoing an embodiment herein provides an apparatus of a contra rotor vertical axis wind turbine. This apparatus comprises of two dual aerodynamic rotors composed of plurality of vertically mounted blades. The blades on the outer rotor are set to spin in the first direction about the inner shaft while the blades on the inner rotor are set to spin in a second direction about the co-axially mounted outer shaft. The inner shaft drives the magnetic field of a generator; the outer rotor drives the wound armature of the generator. Additional embodiments of this disclosure include an ability to pitch the blades for optimal aerodynamic performance at all azimuth positions and also control the rotors speeds whenever their rotational speeds exceed the design limits.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4803/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FUEL INJECTION VALVE

(51) International classification	:A47L
(31) Priority Document No	:2012-283498
(32) Priority Date	:26/12/2012
(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 :**
1)DENSO CORPORATION
Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
AICHI-PREF. 448-8661 Japan
(72)**Name of Inventor :**
1)ADACHI, NAOFUMI

(57) Abstract :

A sub out-orifice (23a) and an in-orifice (22a) are respectively formed in a low pressure passage (23) and a high pressure passage (22) of a fixed plate (20) . A control valve (63) is provided at an outlet port of the low pressure passage (23) . In a normal control, the control valve (63) starts its control-valve opening operation when a movable plate (80) is in contact with the fixed plate (20) . In an interval-shortening control, the control valve (63) starts the control-valve opening operation at an earlier timing than that in the normal control, namely during a course in which a valve body (50) is still in its valve-body closing operation.

No. of Pages : 50 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4917/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : A PROCESS FOR PREPARATION OF 10-PROPARGYL-10-DEAZAAMINOPTERIN OR ITS SALTS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AVRA LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Plot No. 9/15 (2&3) Road No. 6 IDA
(33) Name of priority country	:NA	Nacharam Hyderabad-501507 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMARAO Chandrashekar
(87) International Publication No	: NA	2)RAO Ramakrishna
(61) Patent of Addition to Application Number	:NA	3)NANDIPATI Ramadevi
Filing Date	:NA	4)NITLIKAR Lakshmikant Hanumantrao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of 10-propargyl-10-deazaaminopterin (Pralatrexate) or its salts comprising coupling a diaminopteridin derivative and a di-alkyl- glutamate the two key components using a peptide coupling agent O-(Benzotriazol-1-yl)-N N N² N²-tetramethyluronium tetrafluoroborate (TBTU) in presence of an organic amine base resulting in a di-ester compound. Hydrolyzing the di-ester compound and converting into 10-propargyl-10-deazaaminopterin or Pralatrexate.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6065/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOWNHOLE DRIVING UNIT HAVING A HYDRAULIC MOTOR WITH A STATIC CAM RING

(51) International classification :E21B23/00,B60K17/14
(31) Priority Document No :11160501.0
(32) Priority Date :30/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055646
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)WELLTEC A/S

Address of Applicant :Gydevang 25 DK 3450 Allerød
Denmark

(72)Name of Inventor :

1)HALLUNDBØK Jørgen

(57) Abstract :

The present invention relates to a downhole driving unit (11) for insertion into a well comprising a driving unit housing (51) a hydraulic motor comprising a hydraulic motor housing (93) the hydraulic motor comprising a cam ring (24) a wheel assembly (90) comprising a stationary part (91) and a rotational part the stationary part (92) being connected with the driving unit housing and rotatably connected with a rotational part the stationary part and the rotational part constituting the hydraulic motor housing said hydraulic motor comprising a rotatable section (84) connected with the rotational part the cam ring being connected with or forming part of the stationary part of the wheel assembly the rotational part comprising a wheel ring (99) wherein a bearing (36) is arranged between the cam ring and the wheel ring. The present invention also relates to a downhole system comprising the driving unit and to use of such driving unit.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7113/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR MANUFACTURING STAINLESS STEEL

(51) International classification :C21C5/28
(31) Priority Document No :2011077909
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055696
Filing Date :06/03/2012
(87) International Publication No :WO 2012/132789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSHIN STEEL CO. LTD.
Address of Applicant :4 1 Marunouchi 3 chome Chiyoda ku
Tokyo 1008366 Japan
(72)**Name of Inventor :**
1)SUGIURA Masayuki
2)NAKAGAWA Tomoki

(57) Abstract :

This method for manufacturing stainless steel comprises: a step for dissolving stainless steel raw material in an electric furnace (1) to produce molten iron (2); a step for decarbonizing the molten iron (2) in a revolving furnace (4) to produce stainless raw molten steel (2a); a step for adding calcium carbonate (11) and solidifying the slag (10) without the addition of a reducing agent to slag (10) generated in the stainless raw molten steel (2a) in the decarbonizing treatment; a step for separating the solidified slag (10); and a step for returning the separated slag (10) to the electric furnace (1).

No. of Pages : 26 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6198/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR COMMUNICATING

(51) International classification :H04L27/34
(31) Priority Document No :61/475802
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033747
Filing Date :16/04/2012
(87) International Publication No :WO 2012/142561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ASTRAPI CORPORATION
Address of Applicant :2218 Belle Haven Road Alexandria VA
22307 U.S.A.
(72)Name of Inventor :
1)JERROLD Prothero
2)JONES Nigel

(57) Abstract :

Methods and systems for communicating are disclosed. A method includes obtaining input communication symbols selected from a set of communication symbols converting input communication symbols into transmittable waveforms using non periodic functions and transmitting transmittable waveforms over a communication channel. Another method includes receiving transmittable waveforms constructed using non periodic functions and transmitted over a communication channel and demodulating transmittable waveforms. A system includes a modulator adapted to obtain input communication symbols selected from a set of communication symbols and adapted to convert input communication symbols into transmittable waveforms using non periodic functions and a transmitter or transceiver adapted to transmit transmittable waveforms over a communication channel. Another system includes a receiver or transceiver adapted to receive transmittable waveforms transmitted over a communication channel and constructed using non periodic functions and a demodulator adapted to demodulate transmittable waveforms.

No. of Pages : 54 No. of Claims : 53

(54) Title of the invention : METHOD FOR PRODUCING SIALIC ACID CONTAINING SUGAR CHAIN

(51) International classification :C12P19/18,C08B37/00,C12N15/09
 (31) Priority Document No :2011047378
 (32) Priority Date :04/03/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/054727
 Filing Date :27/02/2012
 (87) International Publication No :WO 2012/121041
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)GLYTECH INC.
 Address of Applicant :134 Chudoji minamimachi Shimogyo ku Kyoto shi Kyoto 6008813 Japan
 (72)**Name of Inventor :**
1)CHIBA Yasunori
2)TAKAHASHI Yoshie
3)NARIMATSU Hisashi
4)FUKAE Kazuhiro

(57) Abstract :

Importance is known to be attributed to sugar chains having sialic acid a2 3 or a2 6 linked to a non reducing terminal of the sugar chain and there has been a demand for such sugar chain compounds to be produced on an industrial scale. Particularly in circumstances such as when glycoprotein drugs are produced it is essential to mass produce sugar chains of uniform structure while controlling the mode in which sialic acid is linked (a2 6 linking or a2 3 linking). Chemically synthesizing sugar chains having sialic acid on all the non reducing terminals is regarded to be difficult particularly with respect to triantennary or tetraantennary N linked complex sugar chains and no reports of such sugar chains being chemically synthesized have been made. Efficiently preparing such sugar chains has also presented enzymological challenges. [Solution] In the present invention it was newly discovered that sialyltransferase has activity to decompose sialic acid in a reaction product in the presence of CMP and it was discovered that sialic acid containing sugar chains can be produced efficiently by enzymatically decomposing CMP. It was also discovered that conventionally hard to synthesize tetraantennary N linked sugar chains to which four molecules of sialic acid have been added by a2 6 linking could be prepared at high yield through a one pot synthesis in which a sugar chain elongation reaction is carried out using a biantennary sugar chain as a starting material without conducting purification after the individual enzyme reactions.

No. of Pages : 72 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7137/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUTOMATIC GENERATION AND ANALYSIS OF SOLAR CELL IV CURVES

(51) International classification :G05D1/00
(31) Priority Document No :13/053784
(32) Priority Date :22/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064352
Filing Date :12/12/2011
(87) International Publication No :WO 2012/128807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUNPOWER CORPORATION
Address of Applicant :77 Rio Robles San Jose California
95134 U.S.A.
(72)Name of Inventor :
1)FISCHER Kevin C
2)KRAFT Steven M
3)JONES Jason C

(57) Abstract :

A photovoltaic system includes multiple strings of solar panels and a device presenting a DC load to the strings of solar panels. Output currents of the strings of solar panels may be sensed (502) and provided to a computer that generates current voltage (IV) curves of the strings of solar panels (503). Output voltages of the string of solar panels may be sensed (501) at the string or at the device presenting the DC load. The DC load may be varied. Output currents of the strings of solar panels responsive to the variation of the DC load are sensed to generate IV curves of the strings of solar panels (503). IV curves may be compared and analyzed to evaluate performance (504) of and detect problems (505) with a string of solar panels.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3834/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/08/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPECTROPHOTOMETER

(51) International classification

:G01n

(31) Priority Document No

:2012-

191912

(32) Priority Date

:31/08/2012

(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 :

1)SHIMADZU CORPORATION

Address of Applicant :1, Nishinokyo-Kuwabara-cho,
Nakagyo-ku, Kyoto-shi, Kyoto 6048511 Japan

(72)Name of Inventor :

1)OWA, Michiaki

(57) Abstract :

Provided is a spectrophotometer capable of further reducing a change in temperature of a spectroscopic unit that houses a spectroscopic element, a sample, and the like therein, compared with conventional spectrophotometers. A spectrophotometer 1 includes: a light source chamber 10; a spectroscopic chamber 20 separated from the light source chamber 10 with a heat insulating section located therebetween, the spectroscopic chamber 20 including at least a spectroscopic element 24, a sample chamber 22, and a detector 25; a temperature measurer 40 measuring a temperature inside of the spectroscopic chamber 20; a temperature regulator 50 heating and/or cooling the inside of the spectroscopic chamber 20; and a controller 31 acquiring temperature information from the temperature measurer 40 and controlling the temperature regulator 50 to operate so as to keep the inside of the spectroscopic chamber 20 at a predetermined preset temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5077/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING DIRECTIONAL GROUNDING FAULT BASED ON THREE PHASE CURRENT VARIATION

(51) International classification	:H02H3/00	(71)Name of Applicant :
(31) Priority Document No	:201210460491.9	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:15/11/2012	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:China	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LI, RONG
(87) International Publication No	: NA	2)REN, RUI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining a fault phase during a single phase grounding fault and determining whether the fault is a downstream fault or a upstream fault The present invention provides A directional grounding fault detecting method, comprising: a. detecting a grounding fault based on sampled three phase currents IA, 1B and ic, and obtaining a time point t corresponding to an moment at which the grounding fault is just detected; b. determining whether it is a single phase grounding fault or a two phase grounding fault based on three incremental phase currents Ai, Aie and Aic at moment t; and c. when it is determined as a single phase grounding fault, it is determined whether the fault is an upstream fault or a downstream fault based on an amplitude of the incremental phase current of the faulted phase.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5536/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONTROL SYSTEM AND METHOD FOR MITIGATING LOADS DURING YAW ERROR ON A WIND TURBINE

(51) International classification	:A47L
(31) Priority Document No	:13/718,387
(32) Priority Date	:18/12/2012
(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

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)KUMAR, RAJEEVA
2)MEHENDE, CHARUDATTA SUBHASH

(57) Abstract :

A control system for mitigating loads on a wind turbine comprising a plurality of blades in yaw error events includes a yaw error calculation unit for calculating a yaw error of the wind turbine, a pitch angle reference command calculation unit for calculating a plurality of pitch angle reference commands respectively corresponding to the plurality of blades at least based on the calculated yaw error, and a controller for producing a plurality of pitch commands at least based on the plurality of pitch angle reference commands, to respectively regulate the pitch angles of the plurality of blades.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6096/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUBSTRATE FOR A PHOTOVOLTAIC CELL

(51) International classification	:C03C3/087,H01L31/0392	(71)Name of Applicant :	
(31) Priority Document No	:1151937	1)SAINT GOBAIN GLASS FRANCE	
(32) Priority Date	:09/03/2011	Address of Applicant :18 avenue d'Alsace F 92400 Courbevoie	
(33) Name of priority country	:France	France	
(86) International Application No	:PCT/FR2012/050485	(72)Name of Inventor :	
Filing Date	:08/03/2012	1)CINTORA Octavio	
(87) International Publication No	:WO 2012/146844	2)FOURTY Guillaume	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The invention relates to a substrate for a photovoltaic cell including at least one float glass sheet having at least one electrode on one surface thereof characterized in that the chemical composition of said glass includes the following components in weight contents that vary within the limits defined herein: 69 to 75% of SiO₂ 0 to 3% of Al₂O₃ 11 to 16.2% of CaO + MgO 0 to 6.5% of MgO 9 to 12.4% of NaO and 0 to 1.5% of KO.

No. of Pages : 17 No. of Claims : 15

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7169/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUTOMOBILE FRAME

(51) International classification :B23K26/20,B23K9/00,B23K9/16
(31) Priority Document No :2011116368
(32) Priority Date :24/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062478
Filing Date :16/05/2012
(87) International Publication No :WO 2012/161043
(61) 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
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
ku Tokyo 1000011 Japan
2)H ONE CO.LTD.
(72)Name of Inventor :
1)TAMAI Yoshiakiyo
2)FUJITA Takeshi
3)KITANI Yasushi
4)TAKEBE Hiroyuki

(57) Abstract :

The purpose of the present invention is to provide an automobile frame having good stiffness. The automobile frame (1) provides a closed cross section formed by welding a flange (3a) of a frame part (3) having a hat shaped cross section to a panel part (5) facing the flange (3a). Characteristically the welding is performed by continuous one side welding at positions (X) defined using a coordinate system in which an end of contact between the flange (3a) and the panel part (5) is an origin (0) an outer end side of the flange (3a) is () and a vertical wall side of the hat shape is (+) by the formula: $+v(2Ra a)=X>1.5 R=2$ where R (mm) denotes the radius of an arc shaped part (3c) between a hat shaped vertical wall part (3b) and the flange (3a) and a (mm) denotes the amount of a gap that can be welded.

No. of Pages : 24 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7171/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING PROGRAM, AND IMAGE DECODING PROGRAM

(51) International classification	:H04N7/32
(31) Priority Document No	:2011055238
(32) Priority Date	:14/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/056442
Filing Date	:13/03/2012
(87) International Publication No	:WO 2012/124698
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan
(72)**Name of Inventor :**
1)SHIMIZU Shinya
2)KIMATA Hideaki
3)MATSUURA Norihiko

(57) Abstract :

For each block to be encoded an image encoding device treats a region having similar image signals in the block as a subject and sets a single pixel value representing each subject as a subject pixel value so as to be associated with a subject identifier. A subject map generation unit generates a subject map which expresses with subject identifiers which subject each pixel in the block belongs to. Using this map a predicted image generation unit generates a predicted image to be used in prediction of the block to be encoded. A subject map encoding unit encodes the subject map by referring to the subject map used when encoding a reference region that has been encoded.

No. of Pages : 95 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7172/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PERFORMING SPECTRUM MANAGEMENT IN A SUBSCRIBER PREMISES NETWORK

(51) International classification:H04L12/24,H04B3/32,H04L12/28

(31) Priority Document No :11305352.4

(32) Priority Date :29/03/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/054750

Filing Date :19/03/2012

(87) International Publication No :WO 2012/130648

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ALCATEL LUCENT

Address of Applicant :3 avenue Octave Grard F 75007 Paris
France

(72)Name of Inventor :

1)MAES Jochen

2)TIMMERS Michael

3)GUENACH Mamoun

(57) Abstract :

A method for performing spectrum management in view of a predetermined constraint in a network comprising an access link and a local area link said access link and said local area link being interferingly coupled said method comprising: quantifying interference between said access link and said local area link; determining a first spectral configuration for a first transmitter operating over said access link; and determining a second spectral configuration for a second transmitter operating over said local area link; wherein said determining of said first spectral configuration and said determining of said second spectral configuration are performed such that the respective achievable channel capacities of said access link and said local area link meet said predetermined constraint.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7173/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR HOME NETWORK ACCESS BY A TRUSTED MONITORING AGENT

(51) International classification	:H04L12/28
(31) Priority Document No	:13/077633
(32) Priority Date	:31/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/027509
Filing Date	:02/03/2012
(87) International Publication No	:WO 2012/134707
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)ADAMS Corey F.
2)BREHM Michael J.

(57) Abstract :

A manner of extending a home network to a remote TMA service. A TMA in the TMA service acquires and stores a UID (unique identifier) and a MS UID (monitoring service UID) than registers with an SG (signaling gateway) and is then redirected to an MA SG (monitoring application SG). The MA SG may be dedicated to the TMA service or may host communications for more than one service. When an HA that subscribes to the monitoring service registers it is also redirected to the MA SG and a secure tunnel is established between the TMA and the HA and maintained by heartbeat messages. The secure tunnel may be redirected to an MA PS (monitoring application proxy server) depending on the bandwidth consumed in the monitoring process and traffic conditions.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7178/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HID OVER SIMPLE PERIPHERAL BUSES

(51) International classification :G06F13/14,G06F13/38
(31) Priority Document No :13/053104
(32) Priority Date :21/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028666
Filing Date :11/03/2012
(87) International Publication No :WO 2012/128977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.
(72)**Name of Inventor :**
1)BHESANIA Firdosh K.
2)AIYAR Arvind R.
3)AULL Randall E.
4)ABZARIAN David

(57) Abstract :

In embodiments of HID over simple peripheral buses a peripheral sensor receives inputs from a peripheral device and the peripheral sensor implements an HID SPB interface to interface the peripheral device with a computing system via a simple peripheral bus (SPB) in an HID data format. The peripheral sensor can also receive extensibility data for a proprietary function of the peripheral device and communicate the inputs from the peripheral device and the extensibility data via the simple peripheral bus in the computing system. Alternatively or in addition a peripheral sensor can generate sensor data and the HID SPB interface interfaces the peripheral sensor with the computing system via the simple peripheral bus. The peripheral sensor can then communicate the sensor data as well as extensibility data for a proprietary function of the peripheral sensor via the simple peripheral bus in the HID data format to the computing system.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF OLANZAPINE PAMOATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NEULAND LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :Sanali Info Park, 'A' Block, Ground
(33) Name of priority country	:NA	floor, 8-2-120/113, Road No. 2, Banjara Hills, Hyderabad Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ponnaiah Ravi
(61) Patent of Addition to Application Number	:NA	2)Neela Praveenkumar
Filing Date	:NA	3)Wadekar Kashyap Ravindrabhai
(62) Divisional to Application Number	:NA	4)Kubireddy Vigneshwar Reddy
Filing Date	:NA	5)Laxmalla Sampath Kumar

(57) Abstract :

An improved process for preparation of Olanzapine pamoate monohydrate from Olanzapine is disclosed which comprises mixing at room temperature a solution of Olanzapine prepared in water in presence of an acid, with a solution of pamoic acid prepared in water in presence of a base; stirring and maintaining the reaction mixture for a sufficient time till precipitation of solid and drying the solid to obtain Olanzapine pamoate monohydrate.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7047/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECEPTION DEVICE RECEPTION METHOD AND PROGRAM

(51) International classification	:H04J11/00
(31) Priority Document No	:2011053064
(32) Priority Date	:10/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/055234
Filing Date	:01/03/2012
(87) International Publication No	:WO 2012/121104
(61) 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)KOBAYASHI Kenichi
2)YUBA Tadaaki
3)KAMATA Hiroyuki

(57) Abstract :

The present technology relates to a reception device a reception method and a program capable of increasing reception performance. A reception device according to one aspect of the technology is provided with: a gain control unit which adjusts the electric power of signals including first pilot signals transmitted through different transmission paths as signals having a high correlation regarding the polar direction and second pilot signals transmitted through the different transmission paths as signals having a low correlation regarding the polar direction; and a control unit which controls the gain following property of the gain control unit in accordance with the data transmission scheme. The present technology can be applied to a receiver which receives data transmitted by a Multi Input Single Output (MISO) scheme of DVB T2 standard.

No. of Pages : 61 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7048/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD AND COMPUTER PROGRAM PRODUCT

(51) International classification :G06F3/048,G06F3/033,H04N5/225
(31) Priority Document No :2011052086
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/001429
Filing Date :02/03/2012
(87) International Publication No :WO 2012/120849
(61) 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)NAKAGAWA Maiko

(57) Abstract :

A control unit method and computer program product cooperate to provide a controllable depth of display of at least a part of a graphical user interface. Moreover the control unit includes a control circuit that controls a depth display of an icon which may be a user selectable icon as part of the graphical user interface. The control circuit increases the depth of display of the icon when an object is detected as approaching the display. In this way a user is provided with visual feedback when the user is interacting with the graphical user interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7049/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECEPTION DEVICE RECEPTION METHOD AND PROGRAM

(51) International classification :H04B1/10,H04J11/00,H04N5/44
(31) Priority Document No :2011053063
(32) Priority Date :10/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055233
Filing Date :01/03/2012
(87) International Publication No :WO 2012/121103
(61) 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)YOKOKAWA Takashi
2)GOTO Yuken
3)TAKAHASHI Hiroo

(57) Abstract :

The present technology relates to a reception device a reception method and a program capable of increasing reception performance when information regarding a frequency band in which data is not transmitted is known. A reception device receives a broadcast wave of OFDM signals transmitted from a transmission device of a broadcast station which is not shown. A transmission parameter interpretation unit acquires band information indicating a band which does not have signals included in the transmitted control information. A jamming removal filter unit performs a filtering process at least when signals of at least a predetermined level are detected on the basis of the band information from the transmission parameter interpretation unit. The disclosed technology can be applied to for example a reception device which receives OFDM signals.

No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7188/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGH STYRENE HIGH VINYL STYRENE BUTADIENE RUBBER AND METHODS FOR PREPARATION THEREOF

(51) International classification :C08F236/10,C08F212/08,C08F4/48
(31) Priority Document No :11156988.5
(32) Priority Date :04/03/2011
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2012/053523
Filing Date :01/03/2012
(87) International Publication No :WO 2012/119917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STYRON EUROPE GMBH
Address of Applicant :Zugerstrasse 231 CH 8810 Horgen
Switzerland
(72)Name of Inventor :
1)HAMANN Evemarie
2)VALENTI Silvia
3)SCHMIEDEL Karin

(57) Abstract :

A process for polymerization of a polymer containing monomeric units derived from a styrene monomer and a 1,3-butadiene monomer includes polymerizing the monomeric units in the presence of an initiator, a first polar agent and a second polar agent. The first polar agent includes a structure (I): RRN-Q-NRR; and the second polar agent comprises a structure (II): R-R-R and R are each independently selected from the group consisting of an alkyl group and hydrogen; Q contains an alkylene group; R and R are each independently an alkyl group; and R-R-R-R-R and R are each independently selected from the group consisting of an alkyl group and hydrogen. Polymers prepared by the above process are described as are compositions containing such a polymer and articles containing at least one component formed from such a composition.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6054/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INVENTORY DATA ACCESS LAYER

(51) International classification	:G06F15/16
(31) Priority Document No	:61/4374065
(32) Priority Date	:28/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/022939
Filing Date	:27/01/2012
(87) International Publication No	:WO 2012/103458
(61) 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 DUN AND BRADSTREET CORPORATION

Address of Applicant :103 JFK Parkway Short Hills NJ 07078
U.S.A.

(72)Name of Inventor :

1)MORGAN Willian

2)TAM Robert

3)GERASIMOVA Nina

4)GASTAUER Keith

5)RASGADO Stacey

6)EINSTEIN Ken

7)SWANSON Chip

8)LAMKA Neil

9)HOROWITZ Dave

10)LONGO Jim

11)TOWNSEND Emmet

12)PROWER Julian

(57) Abstract :

There is provided a method that includes (a) receiving a request for access to data (b) identifying a data store that stores the data and (c) communicating with the data store by way of an electronic communication to access the data. There is also provided a system that performs the method and a storage medium that includes a program module for controlling a processor to perform the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6055/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POSITIONING LOCATION FOR REMOTE RADIO HEADS (RRH) WITH SAME PHYSICAL CELL IDENTITY (PCI)

(51) International classification	:H04W64/00
(31) Priority Document No	:61/445489
(32) Priority Date	:22/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/026023
Filing Date	:22/02/2012
(87) International Publication No	:WO 2012/116007
(61) 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 ATTN:
International IP Administration San Diego California 92121
U.S.A.

(72)Name of Inventor :

1)JI Tingfang

2)PALANKI Ravi

3)GAAL Peter

4)XU Hao

5)WEI Yongbin

(57) Abstract :

A method of wireless communication includes configuring a plurality of remote radio heads (RRHs) to prevent position location reference signal (PRS) transmissions on the same subframes where the macro eNodeB transmits PRS. The configured RRHs each have a same physical cell identity (PCI) as the macro eNodeB. The RRHs communicating in accordance with the configuration.

No. of Pages : 44 No. of Claims : 28

(54) Title of the invention : HEAT INSULATION BOX BODY

(51) International classification :B01D53/04,B65D81/20,B65D81/38
 (31) Priority Document No :2011-028214
 (32) Priority Date :14/02/2011
 (33) Name of priority country:Japan
 (86) International Application No :PCT/JP2012/000958
 Filing Date :14/02/2012
 (87) International Publication No :WO 2012/111311 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
 Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
 5718501 Japan
 (72)**Name of Inventor :**
1)TAKUSHIMA Tsukasa
2)MIYAJI Noriyuki
3)UEKADO Kazutaka
4)KOJIMA Shinya
5)KOSHIYAMA Masahiro
6)HASHIDA Masamichi

(57) Abstract :

This heat insulation box body (1) comprises an outer box (2) an inner box (3) which is housed in the outer box through a heat insulating space arranged between the inner surface of the outer box and the inner box multiple vacuum heat insulation materials (10) which are arranged in the heat insulating space and an expanded heat insulation material (4) which is filled in a portion of the heat insulating space in which the multiple vacuum insulation materials are not placed wherein each of the multiple vacuum heat insulation materials comprises at least a core material and a water adsorbent and is so adapted that the core material and the water adsorbent are hermetically encapsulated under vacuum in a space covered with an external covering material and at least one of the multiple vacuum heat insulation materials which has the largest area additionally comprises a gas adsorption device having nitrogen adsorbing properties and water adsorbing properties in addition to the core material and the water adsorbent and is so adapted that the core material the water adsorbent and the gas adsorption device are hermetically encapsulated under vacuum in the space covered with the external covering material.

No. of Pages : 63 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.667/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF SUGAMMADEX SODIUM

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NEULAND LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :Sanali Info Park, 'A' Block, Ground
(33) Name of priority country	:NA	floor, 8-2-120/113, Road No.2, Banjara Hills, Hyderabad Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ponnaiah Ravi
(61) Patent of Addition to Application Number	:NA	2)Neela Praveenkumar
Filing Date	:NA	3)Batthini Guruswamy
(62) Divisional to Application Number	:NA	4)Sribhashyam Ravikanth
Filing Date	:NA	5)Uppala Manikya Rao

(57) Abstract :

The present invention provides a process for the preparation of Sugammadex sodium involving the step of: reacting 6-perdeoxy-6-perhalo-gamma-cyclodextrin with 3-mercapto propionic acid in the presence of alkali metal alkoxide in an organic solvents. The invention also provides a process for purifying the Sugammadex or its pharmaceutically acceptable salts using water and organic solvents.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7249/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SWASH-PLATE-TYPE COMPRESSOR

(51) International classification	:F04B27/08
(31) Priority Document No	:2011079843
(32) Priority Date	:31/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/058407
Filing Date	:29/03/2012
(87) International Publication No	:WO 2012/133669
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Address of Applicant :2 1 Toyoda cho Kariya shi Aichi
4488671 Japan
(72)**Name of Inventor :**
1)KOBAYASHI Toshiyuki
2)BANNO Nobutoshi
3)ISHIKAWA Mitsuyo
4)KONDO Jun

(57) Abstract :

A swash plate type compressor (10) of a double headed piston configuration wherein: a front intake chamber (17) is formed set apart from a swash plate chamber (25) so as to be positioned in a narrow space between circumferentially arranged front cylinder bores (28); and an intake chamber communication path (50a) is formed in a cylinder block (11) the intake chamber communication path allowing the front intake chamber (17) and a shaft hole (11a) to communicate. A front bore communication path (50b) is formed on the cylinder block (11) the communication path allowing each of the plurality of front cylinder bores (28) to communicate with the shaft hole (11a). A front rotary valve (RF) is provided on a rotating shaft (22) in which a lead in groove (22a) is formed. The lead in groove allows the intake chamber communication path (50a) and the front bore communication path (50b) to communicate in the stated order while the lead in groove rotates integrally with the rotating shaft (22). Provided thereby is a compact swash plate type compressor in which any decrease in pulsation or intake efficiency is minimized.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5961/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTICAST METHOD AND MULTICAST DEVICE

(51) International classification :H04L12/18
(31) Priority Document No :201110074098.1
(32) Priority Date :25/03/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/082999
Filing Date :26/11/2011
(87) International Publication No :WO 2012/129921
(61) 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)DING Hancheng
2)LI Wentao
3)SONG Junjun
4)QIN Yu

(57) Abstract :

The present invention provides a multicast method and a multicast device. The method comprises: receiving a multicast request of a user the multicast request comprising multicast channel information and a user VLAN label; selecting a first target multicast VLAN from multiple pre configured multicast VLANs according to the multicast channel information; replacing the user VLAN label in the multicast request with the first target multicast VLAN and then forwarding the multicast request to a multicast router; and receiving multicast traffic sent through the first target multicast VLAN by the multicast router and forwarding same to the user. In the present invention the target multicast VLAN is selected according to the multicast channel information and multicast requests for requesting the same multicast channel may be added to the same multicast VLAN so that only a piece of multicast traffic of the same channel exists in a local area network thereby saving network bandwidth resources.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6192/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOW MOLECULAR MASS PHOSPHORUS CONTAINING POLYACRYLIC ACIDS AND USE THEREOF AS DISPERSANTS

(51) International classification :C08F220/06,C08F2/38
(31) Priority Document No :11 153 389.9
(32) Priority Date :04/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051562
Filing Date :31/01/2012
(87) International Publication No :WO 2012/104304
(61) 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)DUNGWORTH Howard Roger
2)PETTY David
3)URTEL Bolette
4)WIRSCHEM Ruth

(57) Abstract :

Process for preparing aqueous solutions of acrylic acid polymers by polymerizing acrylic acid in feed mode with a radical initiator in the presence of hypophosphite in water as solvent by (i) initially introducing water and optionally one or more ethylenically unsaturated comonomers (ii) continuously adding acrylic acid in acidic non neutralized form optionally one or more ethylenically unsaturated comonomers aqueous radical initiator solution and aqueous hypophosphite solution (iii) after the end of the acrylic acid feed adding a base to the aqueous solution the comonomer content not exceeding 30% by weight based on the total monomer content the aqueous hypophosphite solution being added over a total feed time composed of three successive feed time spans t_1 and t_2 the average feed rate in the second feed time span t_2 being greater than the average feed rates in the first and third feed time spans t_1 and t_3 .

No. of Pages : 20 No. of Claims : 15

(54) Title of the invention : APPARATUS FOR DISINFECTING WOUNDS BY OZONE

(51) International classification :A61L2/00,A61L2/18,A61K33/40
 (31) Priority Document No :1108141.1
 (32) Priority Date :13/05/2011
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2012/051022
 Filing Date :10/05/2012
 (87) International Publication No :WO 2012/156687
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)BIOQUELL UK LIMITED
 Address of Applicant :52 Royce Close West Portway Andover
 Hampshire SP10 3TS U.K.
 (72)**Name of Inventor :**
1)HUNT Allan Kenneth Frazer Grugeon
2)CHEWINS John George

(57) Abstract :

The invention relates to improvements in surface disinfection apparatus and in particular to apparatus which may be used to disinfect wounds using high concentration aqueous ozone. The Apparatus comprises application means for applying the fluid to the surface to be treated fluid delivery means for delivering the fluid to said application means and catchment means for collecting the fluid after it has been applied to the surface. Fluid return means are provided for removing the fluid from the catchment means and means for creating a vacuum in the fluid return means. The apparatus further comprises a releasable coupling having two engageable parts and comprising a plurality of channels at least one of which channels is connected to the fluid delivery means when the parts are engaged and at least another of which channels is connected to the fluid return means when the parts are engaged. Each channel comprises valve means which open when the engageable parts are engaged to allow fluid to flow through the coupling and are closed when the engageable parts are disengaged to prevent fluid flow. Pressure monitoring means measure the pressure in the fluid return means wherein the measured pressure is compared to a plurality of pre set pressure values to determine the correct functioning of the apparatus. If the measured pressure is lower than a first pre set pressure value fluid is prevented from being delivered to the application means.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7103/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CROSS FLOW FAN CASTING DIE AND FLUID DELIVERY DEVICE

(51) International classification :F04D17/04
(31) Priority Document No :2011045180
(32) Priority Date :02/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054876
Filing Date :28/02/2012
(87) International Publication No :WO 2012/118057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi
Osaka 5458522 Japan
(72)**Name of Inventor :**
1)SHIRAICHI Yukishige
2)OHTSUKA Masaki

(57) Abstract :

A cross flow fan is provided with a plurality of fan blades (21) provided at intervals from each other along the circumferential direction. Each of the fan blades (21) has an inner edge (26) arranged on the inner periphery side over which air flows in and out; and an outer edge (27) arranged on the outer periphery side over which air flows in and out. Blade surfaces (23) extending between the inner edge (26) and the outer edge (27) are formed on the fan blades (21). The blade surfaces (23) comprise a positive pressure surface (25) arranged on the side towards the direction of rotation of the cross flow fan (10) and a negative pressure surface (24) arranged on the reverse side of the positive pressure surface (25). The fan blade (21) has a blade cross section profile in which when sliced along a plane orthogonal to the rotation axis of the cross flow fan (10) an indented portion (57) that is indented from the positive pressure surface (25) is formed. Such a configuration makes it possible to provide a cross flow fan exhibiting excellent air supply capacity a casting die used for manufacturing the cross flow fan and fluid delivery device provided with the cross flow fan.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7264/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MACHINE LEARNING METHOD TO IDENTIFY INDEPENDENT TASKS FOR PARALLEL LAYOUT IN WEB BROWSERS

(51) International classification :G06F17/20,G06F17/30
(31) Priority Document No :61/452694
(32) Priority Date :15/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028780
Filing Date :12/03/2012
(87) International Publication No :WO 2012/125568
(61) 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)CASCAVAL Gheorghe C.
2)SAMPSON Adrian L.D.
3)WANG Bin

(57) Abstract :

Methods and devices for accelerating web page rendering include processing web pages and gathering web page element information performing machine learning analysis on the gathered web page element information to identify patterns in layout independence correlated to web page element information and training a classifier to predict sub tree independence based on element information in a web page script. The predicted sub tree independence may be used to concurrently process portions of a web page to be rendered to reduce the time required to render the page. Sub trees may be conditionally independent in which case the conditionally independent sub trees may be made independent by speculating data to render the sub trees independent or by performing a task to obtain the certain information to render the sub tree independent.

No. of Pages : 87 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7265/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR CLASSIFYING ORIENTATION OF A BODY OF A MAMMAL

(51) International classification :A61B5/103,A61B5/22,G06N7/00

(31) Priority Document No :2011900438

(32) Priority Date :10/02/2011

(33) Name of priority country :Australia

(86) International Application
No :PCT/AU2012/000126

Filing Date :09/02/2012

(87) International Publication
No :WO 2012/106770

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DORSAVI PTY. LTD.

Address of Applicant :Level 1 120 Jollimont Road Melbourne
East Victoria 3002 Australia

(72)Name of Inventor :

1)UMER Muhammad

2)RONCHI Andrew James

3)RONCHI Daniel Matthew

(57) Abstract :

Apparatus is disclosed for providing classification of body orientation of a mammal. The apparatus includes means (10 11) for measuring position of said body relative to a frame of reference at one or more points on the body wherein said means for measuring includes at least one position sensor. The apparatus includes means (12) for providing first data indicative of said position; means (15) for storing said data at least temporarily; and means (13 14) for processing said data to provide said classification of body orientation. A method for providing classification of body orientation of a mammal is also disclosed.

No. of Pages : 25 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7266/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A DEVICE AND METHOD FOR THE TREATMENT OF ADHESIVE CAPSULITIS

(51) International classification	:A61F5/01
(31) Priority Document No	:2011900394
(32) Priority Date	:08/02/2011
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2012/000114
Filing Date	:08/02/2012
(87) International Publication No	:WO 2012/106760
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOYLE Max

Address of Applicant :13 Bream Street Coogee NSW 2034
Australia

(72)Name of Inventor :

1)DOYLE Max

(57) Abstract :

There is provided a device (100) for the treatment of adhesive capsulitis in a joint of a patient the device (100) comprising a driven manipulation effector (115) adapted to contact a part of the body of the patient corresponding to the joint wherein the device (100) is adapted such that the manipulation effector (115) moves in accordance with a point to point motion profile.

No. of Pages : 32 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10008/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ALKOXYLATED POLYALKYLENEIMINES AS DISPERSANTS FOR AGROCHEMICAL FORMULATIONS

(51) International classification	:A01N25/30
(31) Priority Document No	:61/490625
(32) Priority Date	:27/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2012/059369
Filing Date	:21/05/2012
(87) International Publication No	:WO 2012/163709
(61) 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)SCHNABEL Gerhard
2)KLINGELHOEFER Paul

(57) Abstract :

The present invention relates to a composition comprising a water insoluble pesticide and an alkoxyated polyalkyleneimine. The invention furthermore relates to a method of preparing this composition; to the use of this composition for dispersing agrochemical active substances; to a method of controlling phytopathogenic fungi and/or undesired plant growth and/or undesired insect or mite attack and/or for regulating the growth of plants wherein the composition is allowed to act on the respective pests their environment or the crop plants to be protected from the respective pest on the soil and/or on undesired plants and/or on the crop plants and/or on their environment; and furthermore to seed comprising the composition.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1858/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ASYNCHRONOUSMULTI-SOURCESTREAMING 2.

(51) International classification :G06F15/16
(31) Priority Document No :1014233.9
(32) Priority Date :26/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2011/053589
Filing Date :11/08/2011
(87) International Publication No :WO 2012/025850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GIRAFFIC TECHNOLOGIES LTD.
Address of Applicant :32 Habarzel Street Ramat Hachayal
69717 Tel Aviv Israel
(72)**Name of Inventor :**
1)ZANGER Yoel Moshe
2)GAT Gil Matan
3)VOLK Dvir
4)TULCHIN Stanislav

(57) Abstract :

A method of data streaming over a Peer-to-Peer network including server agents and client agents is provided. The method includes: assigning, responsive of a client agent request for a specified file, a sub streams set, being a set of server agents configured each to partition the specified file into frames whose size is configured based on the specified file, wherein the sub streams set comprises a plurality of active server agents and further includes a plurality of redundant active server agents selected based on network properties, such that a minimal number of excessive packets are sent to the client agent; managing the sub streams set asynchronously such that each server agent streams frames independently on other server agents in the sub streams set; and employing a rate-based congestion control per sub streams set such that a bit rate associated with the sub streams set is maintained above a specified threshold.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4846/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AIRCRAFT HAPTIC TOUCH SCREEN AND METHOD FOR OPERATING SAME

(51) International classification	:G06F3/041	(71)Name of Applicant :
(31) Priority Document No	:1220218.0	1)GE AVIATION SYSTEMS LIMITED
(32) Priority Date	:09/11/2012	Address of Applicant :BISHOPS CLEEVE, CHELTENHAM,
(33) Name of priority country	:U.K.	GLOUCESTERSHIRE GL52 8SF U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CATTON, LEWIS WILLIAM
(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 :

An aircraft flight deck 18 for controlling the flight operations of an aircraft 10, includes at least one touch screen 30 having multiple user inputs 32 and at least some of the multiple user inputs 32 are haptic inputs 36, which provide a haptic response to a touch and methods of operating an aircraft 10 having a flight deck 18 with a haptic touch screen display having multiple haptic inputs 36, with each input providing a haptic response may include detecting a touch of one of the haptic inputs to define a selection and outputting a haptic response based on the selection.

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5867/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ROTATING ELECTRICAL MACHINE INCORPORATING DRIVE DEVICE

(51) International classification :B62D5/04,H02K5/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/058712
Filing Date :06/04/2011
(87) International Publication No :WO 2012/137322
(61) 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)AKUTSU Satoru
2)SONODA Isao
3)ASAO Yoshihito

(57) Abstract :

In this rotating electrical machine incorporating a drive device a housing (17) and/or a heat sink (19) is provided with protruding sections (35 39) that protrude in the diameter direction said housing and heat sink constituting a housing section (22) for a drive device (8). At least one protruding section (35) has an opening (36) formed therein a connector section (34) is removably attached to the opening (36) and a connector connecting section (46) that electrically connects the connector section and the drive device to each other is provided close to the opening.

No. of Pages : 98 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7272/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WATER-REPELLENT PHOTOCATALYTIC COMPOSITION AND WATER-REPELLENT PHOTOCATALYTIC COATING FILM

(51) International classification :B01J35/02,C09D5/14,C09D7/12
(31) Priority Document No :2011076373
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054986
Filing Date :28/02/2012
(87) International Publication No:WO 2012/132716
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
2)The University of Tokyo
(72)**Name of Inventor :**
1)YAMASHINA Daigo
2)NOMA Shinjiro
3)UEDA Takeshi
4)MIKI Shinichiro
5)HASHIMOTO Kazuhito
6)SUNADA Kayano
7)MINOSHIMA Masafumi
8)MIYAUCHI Masahiro

(57) Abstract :

Provided is a water repellent photocatalytic composition which can achieve both high stain proofness and high antibacterial and antiviral properties even under faint light in for example an indoor space. The water repellent photocatalytic composition comprises a water repellent resin binder a photocatalytic material and cuprous oxide said photocatalytic material being conjugated with cuprous oxide therein.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6100/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTILAYER INTERCONNECTION FIRST INTEGRATION SCHEME FOR GRAPHENE AND CARBON NANOTUBE TRANSISTOR BASED INTEGRATION

(51) International classification	:G01N27/327
(31) Priority Document No	:13/039475
(32) Priority Date	:03/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/026670
Filing Date	:25/02/2012
(87) International Publication No	:WO 2012/118719
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.

(72)**Name of Inventor :**
1)LIU Zihong
2)SHAHIDI Ghavam G.

(57) Abstract :

Integrated circuit multilayer integration techniques are provided. In one aspect a method of fabricating an integrated circuit is provided. The method includes the following steps. A substrate is provided. A plurality of interconnect layers are formed on the substrate arranged in a stack each interconnect layer comprising one or more metal lines wherein the metal lines in a given one of the interconnect layers are larger than the metal lines in the interconnect layers if present above the given interconnect layer in the stack and wherein the metal lines in the given interconnect layer are smaller than the metal lines in the interconnect layers if present below the given interconnect layer in the stack. At least one transistor is formed on a top most layer of the stack.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7293/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CURABLE COMPOSITION ARTICLE METHOD OF CURING AND REACTION PRODUCT

(51) International classification:C08L79/02,C08G73/02,C08K5/59

(31) Priority Document No :61/468313

(32) Priority Date :28/03/2011

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/US2012/027816

Filing Date :06/03/2012

(87) International Publication
No :WO 2012/134731

(61) 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

Address of Applicant :3M Center Post Office Box 33427 Saint
Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor :

1)GORODISHER Ilya

(57) Abstract :

A curable composition includes a 3 aryl benzoxazine polyamine and superacid. Articles including the curable composition methods of curing the curable composition and a tack free reaction product preparable from the curable composition are also disclosed.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7296/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOAD STEPPING SWITCH

(51) International classification :H01H9/00
(31) Priority Document No :10 2011 014 325.4
(32) Priority Date :18/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052866
Filing Date :20/02/2012
(87) International Publication No :WO 2012/126685
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MASCHINENFABRIK REINHAUSEN GMBH
Address of Applicant :Falkensteinstrasse 8 93059 Regensburg
Germany
(72)**Name of Inventor :**
1)B-GER Christian
2)HOTTNER Toni
3)JATTA Martin
4)LEDERER Philipp
5)REHKOPF Sebastian
6)SCHLEPP Klaus
7)STREMPEL Rolf

(57) Abstract :

The invention relates to a load stepping switch for switching over between taps of a control winding of a stepped transformer without interruption wherein fixed step contacts are arranged in at least one horizontal plane in a wall of an insulating material cylinder or on an insulating material frame and are electrically connected to the taps wherein a rotatable switching shaft is arranged in the center said switching shaft having for each horizontal plane of fixed step contacts on a contact support mechanical contacts which can each be connected to the fixed step contacts and wherein at least one contact on the contact support is electrically connected to the load discharge line by means of at least one interposed transition resistor ($R_{1/41}$ $R_{1/42}$). The transition resistor ($R_{1/41}$ $R_{1/42}$) comprises in each case a meandering wire helix (3) which is clamped and fixed by means of at least two resistor holders (6) which are composed of insulating material. The at least two resistor holders (6) of each transition resistor are attached to a shell like resistor support (10) which is composed of insulating material and the resistor support (10) for its part is attached to the switch pillar with which it shares a contour.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7298/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIQUID CATION EXCHANGER

(51) International classification:B01J39/04,B01J39/16,B01D11/04

(31) Priority Document No :11154707.1

(32) Priority Date :16/02/2011

(33) Name of priority country :EPO

(86) International Application
No :PCT/EP2011/071491

Filing Date :01/12/2011

(87) International Publication
No :WO 2012/110124

(61) Patent of Addition to

Application Number :NA

Filing Date

(62) Divisional to Application

Number :NA

Filing Date

(71)Name of Applicant :

1)EVONIK DEGUSSA GMBH

Address of Applicant :Rellinghauser Strae 1 11 45128 Essen
Germany

(72)Name of Inventor :

1)ERHARDT Frank

2)HAAS Thomas

3)ROOS Martin

4)DEMICOLI Daniel

5)P-TTER Markus

6)SCHUBERT Anja

7)PFEFFER Jan Christoph

8)TACKE Thomas

9)H.,GER Harald

10)PFENNIG Andreas

11)PRZYBYLSKI FREUND Marie Dominique

(57) Abstract :

The invention relates to a method for removing an organic compound having one or more positive charges from an aqueous solution. Said method consists of the following steps a) the aqueous solution containing the organic compound and a hydrophobic organic solution which contains a hydrophobic liquid cation exchanger having one or more negative charges and a negative total charge are provided b) the aqueous solution and the organic solution are brought into contact with each other and c) the organic solution is separated from the aqueous solution.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7299/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : N-(1,2,5-OXADIAZOL-3-YL)PYRIDINECARBOXAMIDES AND USE THEREOF AS HERBICIDES

(51) International classification :C07D413/12,C07D413/14,C07D417/14
(31) Priority Document No :11158253.2
(32) Priority Date :15/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054281
Filing Date :12/03/2012
(87) International Publication No :WO 2012/123416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Strasse 10 40789
Monheim Germany
(72)**Name of Inventor :**
1)K-HN Arnim
2)VAN ALMSICK Andreas
3)BRAUN Ralf
4)SCHMITT Monika H.
5)TIEBES Jrg
6)HEINEMANN Ines
7)H.,USER HAHN Isolde
8)GATZWEILER Elmar
9)ROSINGER Christopher Hugh

(57) Abstract :

A description is given of N (1 2 5 oxadiazol 3 yl)pyridinecarboxamides of the general formula (I) as herbicides. R in this formula (I) stands for radicals such as hydrogen organic radicals and other radicals such as halogen. W stands for a substituted pyridyl radical.

No. of Pages : 67 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6186/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MICROORGANISMS AND METHODS FOR THE BIOSYNTHESIS OF BUTADIENE

(51) International classification :C12P5/02
(31) Priority Document No :61/438947
(32) Priority Date :02/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023632
Filing Date :02/02/2012
(87) International Publication No :WO 2012/106516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENOMATICA INC.
Address of Applicant :10520 Wateridge Circle San Diego CA
92121 U.S.A.
(72)**Name of Inventor :**
1)BURK Mark J.
2)BURGARD Anthony P.
3)SUN Jun
4)OSTERHOUT Robin E.
5)PHARKYA Priti

(57) Abstract :

The invention provides non naturally occurring microbial organisms having a butadiene pathway. The invention additionally provides methods of using such organisms to produce butadiene. In some aspects embodiments disclosed herein relate to a process for the production of butadiene that includes (a) culturing by fermentation in a sufficient amount of nutrients and media a non naturally occurring microbial organism that produces crotyl alcohol; and (b) converting crotyl alcohol produced by culturing the non naturally occurring microbial organism to butadiene.

No. of Pages : 128 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7314/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHARGE PUMP SURGE CURRENT REDUCTION

(51) International classification :H02M3/07

(31) Priority Document No :13/047689

(32) Priority Date :14/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/029128

Filing Date :14/03/2012

(87) International Publication No :WO 2012/125766

(61) 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)QUAN Xiaohong

2)SRIVASTAVA Ankit

3)MIAO Guoqing

(57) Abstract :

Techniques for reducing surge current in charge pumps. In an exemplary embodiment one or more switches coupling a terminal of a flying capacitor to a voltage supply are configured to have variable on resistance. When the charge pump is configured to switch a gain mode from a lower gain to a higher gain the one or more variable resistance switches are configured to have a decreasing resistance profile over time. In this manner surge current drawn from the voltage supply at the outset of the gain switch may be limited while the on resistance during steady state charging and discharging may be kept low. Similar techniques are provided to decrease the surge current from a bypass switch coupling the supply voltage to a positive output voltage of the charge pump.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7315/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING LASER WELDED STEEL TUBE

(51) International classification :B23K26/20,B21C37/08,B23K26/00
(31) Priority Document No :2011076266
(32) Priority Date :30/03/2011
(33) Name of priority country:Japan
(86) International Application No:PCT/JP2011/060804
Filing Date :28/04/2011
(87) International Publication No :WO 2012/132023
(61) 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
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
ku Tokyo 1000011 Japan
(72)Name of Inventor :
1)YANO Koji
2)SUMI Hiroyuki
3)OI Kenji

(57) Abstract :

In this method for producing a laser welded steel tube by forming a steel plate into a tubular open pipe by means of a forming roll and then laser welding the edge section of the open pipe by radiating a laser beam while applying pressure to the edge section using a squeeze roll welding is performed with two laser beams each transmitted using a different fiber and having a correctly focused spot diameter of over 0.3 mm being radiated from the top surface side of the open pipe along the edge section a preceding laser beam that precedes in the direction of welding progress at the top surface side of the open pipe and a subsequent laser beam that is subsequent being provided with an angle of incidence from the perpendicular direction to the top surface of the open pipe radiating while tilted in the direction of welding progress the angle of incidence of the preceding laser beam being caused to be greater than that of the subsequent laser beam and the gap between the center point of the preceding laser beam and the center point of the subsequent laser beam at the rear surface of the open pipe being at least 1 mm.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7318/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUPPORT STRUCTURE FOR TRIPPER LINKED TO STACKER AND TRAVELING CARGO HANDLING DEVICE

(51) International classification :B65G63/00,B65G47/95,B65G65/02
(31) Priority Document No :2011084537
(32) Priority Date :06/04/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2012/002434
Filing Date :06/04/2012
(87) International Publication No :WO 2012/137515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
Address of Applicant :1 1 Higashikawasaki cho 3 chome Chuo
ku Kobe shi Hyogo 6508670 Japan
(72)Name of Inventor :
1)KOTAKI Takashi
2)OHKI Atsuo

(57) Abstract :

The purpose of the present invention is to reduce the weight of a counterweight beam and thus of a traveling stacker and a tripper. Provided is a support structure in which a traveling stacker (16) that connects to and supports a tripper (19) comprises a main stacker unit (26) that travels along a rail (18) a boom (17) disposed on the main stacker unit (26) so as to be freely raised lowered and rotated a boom conveyor (21) disposed on this boom (17) and a counterweight beam (25) disposed on the base end of the boom (17). The tripper (19) comprises a tripper leg section (29) can move freely on the rail (18) along with the traveling stacker (16) and lifts a belt of a ground conveyor (20) diagonally upward; the counterweight beam (25) is disposed so as to pass below the tripper (19) by means of the rotation of the boom (17); and the main stacker unit (26) connects to and supports a tip section (19b) of the tripper (19) by way of a connecting and supporting section (28).

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7320/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : GENE EXPRESSION AND ERADICATION SYSTEM IN *HELICOBACTER PYLORI*

(51) International classification :C12N15/74,A61K35/74
(31) Priority Document No :2011900849
(32) Priority Date :09/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000245
Filing Date :09/03/2012
(87) International Publication No :WO 2012/119203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ONDEK PTY LTD

Address of Applicant :Suite 302 19A Boundary Street
Rushcutters Bay New South Wales 2011 Australia

(72)Name of Inventor :

1)BENGHEZAL Mohammed

2)DEBOWSKI Aleksandra Weronika

3)SEHNAL Miriam

4)DIEYE Yakhya

5)PARK Se Hoon

6)MARSHALL Barry

(57) Abstract :

HelicobacterpyloriH. pyloriHelicobacterpyloriThe present invention relates to a gene expression and eradication system for (). In particular the present invention relates to a genetic construct comprising in the 5 3 direction: (a) a promoter sequence and (b) a DNA sequence of interest wherein the promoter sequence comprises a polynucleotide sequence capable of regulating expression of the DNA sequence of interest in and wherein said promoter sequence is modified to comprise a tetracycline (tet) operator sequence.

No. of Pages : 97 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7322/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OPTICAL MEASURING DEVICE AND METHOD FOR CAPTURING AT LEAST ONE PARAMETER OF AT LEAST ONE EYE WHEREIN AN ILLUMINATION CHARACTERISTIC IS ADJUSTABLE

(51) International classification :A61B3/024,A61B3/107,A61B3/11
(31) Priority Document No :11158891.9
(32) Priority Date :18/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054609
Filing Date :15/03/2012
(87) International Publication No :WO 2012/126810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)SENSOMOTORIC INSTRUMENTS GESELLSCHAFT
FR INNOVATIVE SENSORIK MBH**
Address of Applicant :Warthestrasse 21 14513 Teltow
Germany
(72)Name of Inventor :
**1)NISTICO Walter
2)HOFFMANN Jan
3)SCHMIDT Eberhard**

(57) Abstract :

The invention relates to an optical measuring device (1) for capturing at least one parameter of at least one eye (10I 10r) of a test person (31) wearing the optical measuring device (1) comprising a frame (4) which is configured to fix the optical measuring device (1) to the head of the test person (31) at least one capturing unit (3I 3r) which is configured to optically capture the at least one parameter of the at least one eye (10I 10r) and an illumination unit (9 21 22) for illuminating the at least one eye (10I 10r) wherein an illumination characteristic is adjustable by means of the illumination unit (9 21 22).

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7323/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COOLANT SUPPLY DEVICE AND ELECTRIC DRILL UNIT PROVIDED WITH COOLANT SUPPLY DEVICE

(51) International classification :B28D1/14,B23B51/06,B28D7/02
(31) Priority Document No :2011120481
(32) Priority Date :30/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003297
Filing Date :21/05/2012
(87) International Publication No :WO 2012/164860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KABUSHIKI KAISHA MIYANAGA
Address of Applicant :2393 Fukui Miki shi Hyogo 6730433
Japan
(72)Name of Inventor :
1)MIYANAGA Masaaki

(57) Abstract :

The present invention relates to a coolant supply device (A) attached to an electric drill device to supply coolant to a piercing portion at a tip end of the drill (10) at the time of piercing. The coolant supply device comprises a first flange member (3) and a second flange member (4) on a rotation shaft (1) provided coaxially with the drill so that the first flange member (3) is provided along the shaft and located on the drill side and the second flange member (4) is provided along the shaft and located farther from the drill than the first flange member a space (S) formed between the both flange members and to which the coolant is introduced a coolant supply passage (P) formed between the first flange member and the drill to guide the coolant in the space to the drill and a coolant extrusion mechanism to extrude the coolant in the space toward the coolant supply passage.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7324/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TONER IMAGE FORMING APPARATUS AND PROCESS CARTRIDGE

(51) International classification :G03G9/08,G03G15/08
(31) Priority Document No :2011051047
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056787
Filing Date :09/03/2012
(87) International Publication No :WO 2012/121421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Ricoh Company Ltd.

Address of Applicant :3 6 Nakamagome 1 chome Ohta ku
Tokyo 1438555 Japan

(72)Name of Inventor :

1)KADOTA Takuya

2)MIKURIYA Yoshihiro

3)NOZAKI Tsuyoshi

4)ISHIKAWA Yoshimichi

5)FUWA Kazuoki

6)FUKAO Tomohiro

7)MIKI Tomoharu

8)HAGI Masayuki

9)SHONO Hidekazu

10)HAMADA Manabu

11)SAKUMA Tetsushi

(57) Abstract :

To provide a toner which contains a binder resin a colorant and a silicone oil treated external additive wherein the silicone oil treated external additive contains free silicone oil and a total amount of the free silicone oil is 0.2% by mass to 0.5% by mass relative to the toner and wherein the toner has the average circularity of 0.96 to 1.

No. of Pages : 147 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7326/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INFLUENT TREATMENT PROCESS

(51) International classification :B01D24/16,B01D24/26,B01D33/00
(31) Priority Document No :2011900721
(32) Priority Date :01/03/2011
(33) Name of priority country:Australia
(86) International Application No :PCT/AU2012/000204
Filing Date :01/03/2012
(87) International Publication No :WO 2012/116404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEPSUS TECHNOLOGIES PTY LTD
Address of Applicant :12 Weir Street Glen Iris Victoria 3146
Australia
(72)**Name of Inventor :**
1)LUXENBERG Sam

(57) Abstract :

An improved automated method of controlling the filtering characteristics of a continuous up flow granular media filter (12 14). The filter (12 14) is designed to treat an influent liquid (20 24) which includes impurities to produce a treated liquid effluent (21 26). The granular media filter (12 14) includes a media filter bed (70) and an airlift pump (76) that moves granular media from a removal (point 38) in the media filter bed (70) to a deposit point (36) in the media filter bed (70). The method includes the steps of: monitoring the impurities level of the influent (20 24); converting the influent (20 24) impurities level into an impurities signal input to a computer (118) which uses computer software to interpret the impurities signal input; and using the impurities signal to control the air inflow rate to the airlift pump (76) to maintain the target ratio range between the size of captured solids inventory of the granular media filter (12 14) and the size of the media filter bed (70) of the granular media filter (12 14).

No. of Pages : 29 No. of Claims : 24

(54) Title of the invention : THRUST SLIDING BEARING AND MECHANISM COMBINING THRUST SLIDING BEARING AND PISTON ROD

(51) International classification :F16C33/10,B60G15/06,F16C17/04
 (31) Priority Document No :2011076387
 (32) Priority Date :30/03/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/000477
 Filing Date :25/01/2012
 (87) International Publication No :WO 2012/132176
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)OILES CORPORATION
 Address of Applicant :6 34 Kounan 1 chome Minato ku Tokyo
 1080075 Japan
 (72)Name of Inventor :
1)NAGASHIMA Tsuyoshi
2)HORIGUCHI Takashi
3)MORISHIGE Kouichi

(57) Abstract :

A thrust bearing (1) is equipped with: a synthetic resin bearing assembly (16) equipped with a cylindrical part (4) an annular flange part (6) an annular protruding part (8) a cylindrical protruding part (13) an engaging protruding part (14) and an annular protruding part (15); an annular cover (28) equipped with a circular plate part (24) a tube part (26) and an engaging protruding part (27); an annular metal plate (34) equipped with an outer circular plate part (32) and an inner circular plate part (33); and a thrust sliding bearing means (36) that is interposed between the annular lower surface (35) of the outer circular plate part (32) of the annular metal plate (34) and the bearing assembly (16) and that causes the annular metal plate (34) to rotate freely with respect to the bearing assembly (16) in the directions R around the axial center O of the bearing assembly (16).

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7038/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DURABLE HIGH STRENGTH POLYMER COMPOSITE SUITABLE FOR IMPLANT AND ARTICLES PRODUCED THEREFROM

(51) International classification :A61L27/14,A61F2/24,A61L27/40

(31) Priority Document No :13/078774

(32) Priority Date :01/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/031417
Filing Date :30/03/2012

(87) International Publication No :WO 2012/135603

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)W.L. GORE & ASSOCIATES INC.

Address of Applicant :555 Paper Mill Road Newark DE 19711
U.S.A.

(72)Name of Inventor :

1)BRUCHMAN William C.

2)GASSLER Paul D.

3)HARTMAN Cody L.

4)WALSH Peter J.

5)WHITE Charles F.

(57) Abstract :

A thin biocompatible high strength composite material is disclosed that is suitable for use in various implanted configurations. In one aspect the composite material maintains flexibility in high cycle flexural applications making it particularly applicable to high flex implants such as heart pacing lead or heart valve leaflet. The composite material includes a porous expanded fluoropolymer membrane and an elastomer wherein the elastomer is present in substantially all of the pores of the porous expanded fluoropolymer and the composite material comprising less than about 80% fluoropolymer by weight.

No. of Pages : 63 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7191/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ARTICLE OF FOOTWEAR HAVING A KNIT UPPER WITH A POLYMER LAYER

(51) International classification :A43B23/02,A43C1/00
(31) Priority Document No :13/079653
(32) Priority Date :04/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030273
Filing Date :23/03/2012
(87) International Publication No :WO 2012/138488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIKE INTERNATIONAL LTD.
Address of Applicant :One Bowerman Drive Beaverton OR
97005 6453 U.S.A.
(72)Name of Inventor :
1)DUA Bhupesh
2)SHAFFER Benjamin A.

(57) Abstract :

An article of footwear (10) has an upper (30) and a sole structure (20) secured to the upper. The upper includes a knitted component (40) and a polymer layer (50). The knitted component is formed of unitary knit construction and extends along a lateral side of the upper along a medial side of the upper over a forefoot region of the upper and around a heel region of the upper. The polymer layer is bonded to the knitted component and may form a majority of an exterior surface of the upper. The polymer layer may be formed from a thermoplastic polymer material. The knitted component (40) includes various tubes (42) in which strands (43) are located.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7194/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

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

(51) International classification	:A61N1/00
(31) Priority Document No	:61/453540
(32) Priority Date	:16/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/029542
Filing Date	:16/03/2012
(87) International Publication No	:WO 2012/125978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONTROLRAD SYSTEMS INC.

Address of Applicant :560 Sprague Road Penn Valley PA
19072 U.S.A.

(72)Name of Inventor :

1)GUEZ Allon

(57) Abstract :

A radiation control system and method are provided in which radiation delivered to a patient and/or the operator of the equipment is minimized. The radiation control system may be used in a large variety of applications including applications in which radiation source is used to inspect an object such as for example medical imaging diagnosis and therapy in manufacturing operation using radiation in airports scanning systems in different security setups and in nuclear reactors automation and process control. The radiation control system and method may also be used with 3D imaging.

No. of Pages : 31 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7354/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PREPARATIONS FOR ALL PURPOSE CLEANING COMPOSITIONS

(51) International classification :C11D17/00,C11D3/20,C11D11/00
(31) Priority Document No :FR1153331
(32) Priority Date :18/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/IB2012/000717
Filing Date :10/04/2012
(87) International Publication No :WO 2012/143769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RHODIA POLIAMIDA E ESPECIALIDADES LTDA
Address of Applicant :Av. Maria Coelho Aguiar 215 Bloco B
1º andar Part 1 Jardim Sao Luiz Brazil
(72)Name of Inventor :
1)LOURENCO Wagner

(57) Abstract :

The present invention relates to all purpose cleaning compositions in particular to all purpose aqueous alkaline compositions for cleaning surfaces and to basic preparations for said purpose. The basic preparations of the present inventions include one or more solvents which are at least partially miscible with water one or more carboxylic acid alkali metal salts and water. The compositions of the present invention include at least said basic preparation a surface active agent an alkalinising agent and water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7054/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VIRTUAL AGGREGATION OF FRAGMENTED WIRELESS SPECTRUM

(51) International classification :H04L5/00
(31) Priority Document No :13/040458
(32) Priority Date :04/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026437
Filing Date :24/02/2012
(87) International Publication No :WO 2012/161784
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)**Name of Inventor :**
1)PUROHIT Vinay
2)WILFORD Paul A.

(57) Abstract :

Method and apparatus for aggregating spectrum in which multiple disjoint blocks of spectrum may be configured as one virtual contiguous block of spectrum by modulating onto each disjoint blocks of spectrum a respective portion of a data stream in which the data rate associated with the modulated portion is compatible with the available bandwidth of the disjoint spectrum block upon which is modulated.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7056/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYNCHING ONE OR MORE MATRIX CODES TO CONTENT RELATED TO A MULTIMEDIA PRESENTATION

(51) International classification :H04N21/41,H04N21/434,H04N21/4722
(31) Priority Document No :13/037312
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026373
Filing Date :23/02/2012
(87) International Publication No :WO 2012/118695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EHOSTAR TECHNOLOGIES L.L.C.
Address of Applicant :100 Inverness Circle East Englewood
Colorado 80112 U.S.A.
(72)**Name of Inventor :**
1)GRATTON Max Stephen
2)KENNEDY John T.
3)BEALS William Michael
4)GERHARDS Keith

(57) Abstract :

One embodiment described herein may take the form of a system or method for generating one or more matrix codes that may then be obtained by a reader device the one or more matrix codes including information that may be utilized to access additional content related to one or more multimedia presentations. For example the information contained within the one or more matrix codes may include one or more web addresses that when selected may link to one or more webpages on the Internet containing information related to the multimedia presentation. In another example the information contained within the matrix codes may include instructions that may be executed by an electronic device to provide the additional content. The additional content may be displayed a display device associated with the distribution system on a reader device or any electronic device that includes a display.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7203/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OXYGEN ENRICHED AIR PRODUCING DEVICE AND OXYGEN ENRICHED AIR PRODUCING METHOD

(51) International classification :B01D57/02,B01D53/22,B01J19/08
(31) Priority Document No :2011112342
(32) Priority Date :19/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003003
Filing Date :08/05/2012
(87) International Publication No :WO 2012/157204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD)
Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan
(72)**Name of Inventor :**
1)INOUE Kenichi
2)HASE Takashi
3)KASAI Shingo

(57) Abstract :

The invention is characterized in: forming a magnetic field inside a flow channel tube the tube wall of which is formed from a material that is nonmagnetic and which when the pressure outside the flow channel tube is lower than the pressure inside the flow channel tube passes a portion of the air flowing inside the tube through the tube wall and discharges same to the outside thereof; supplying air to the flow channel tube so that at least a region of laminar flow is formed inside the flow channel tube; and reducing the pressure outside the flow channel tube to a prescribed pressure.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7360/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER SCREWDRIVER OVERLOAD PREVENTION MEANS

(51) International classification :B25B23/14,B23P19/06,F16D7/02
(31) Priority Document No :10 2011 014 357.2
(32) Priority Date :17/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000266
Filing Date :16/03/2012
(87) International Publication No :WO 2012/122971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)L-SOMAT SCHRAUBTECHNIK NEEF GMBH
Address of Applicant :Bertha Benz Strasse 12 71665
Vaihingen/Enz Germany
(72)**Name of Inventor :**
1)WILCZEK Klaus

(57) Abstract :

A power screwdriver overload prevention means (100) which is arranged between an input drive part (110) and an output drive part (102 121) and which interrupts the transmission of torque between the input drive part (110) and the output drive part (102 121) when a threshold torque is exceeded is characterized in that the input drive part (110) has at least one ring of balls (130) that is arranged in a rotationally fixed manner in the input drive part in that the output drive part (102 121) has at least one ring of balls (140; 141 142) that is arranged in a rotationally fixed manner in the output drive part (102 121) and in that the ring of balls (130) that is arranged in the input drive part (110) is spring preloaded via the ring of balls (140; 141 142) arranged in the output drive part (102 121) such that the balls (130) of the input drive part (110) are located in each case between two balls (140; 141 142) of the output drive part (102 121) and thus transmit a torque and such that when the threshold torque is exceeded the balls (130) of the input drive part (110) roll over the balls (140; 141 142) of the output drive part (102 121) and thus interrupt the transmission of torque.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7361/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLEXIBLE LAMINATE FILM

(51) International classification:B29C63/00,B29D7/01,B32B27/30

(31) Priority Document No :1105049.9

(32) Priority Date :25/03/2011

(33) Name of priority country :U.K.

(86) International Application
No :PCT/GB2012/050610

Filing Date :20/03/2012

(87) International Publication
No :WO 2012/131328

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RENOLIT CRAMLINGTON LIMITED

Address of Applicant :Station Road Cramlington
Northumberland NE23 8AQ U.K.

(72)Name of Inventor :

1)RUMMENS François

2)LOTT Martyn

3)HAGLEY Lydia

4)MURRAY Ian

(57) Abstract :

A flexible calenderable film exhibiting enhanced durability under external weathering conditions. The film comprises predominantly a base layer of a graft copolymer of vinyl chloride on polyacrylate laminated with an acrylic based protective layer. Importantly the base layer is devoid or contains minimal plasticiser components to eliminate or reduce UV absorber migration from the acrylic based protective layer.

No. of Pages : 25 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7362/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF MAKING A REDUCED FAT CHOCOLATE CONFECTIONERY PRODUCT

(51) International classification :A23G1/36,A23G1/38,A23G1/00
(31) Priority Document No :61/454010
(32) Priority Date :18/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029426
Filing Date :16/03/2012
(87) International Publication No:WO 2012/129087
(61) 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 HERSHEY COMPANY
Address of Applicant :100 Crystal A Drive Hershey
Pennsylvania 17033 U.S.A.
(72)**Name of Inventor :**
1)WANG Xiaoying
2)ZERPHY Gregory T.
3)HICKEY Julie

(57) Abstract :

A method for creating a reduced fat confectionery product is disclosed. The method includes providing a mixture of a chocolate compatible fat and a sweetener thereafter refining the mixture to form a powder having a predetermined average particle size thereafter agitating the refined powder mixture at a temperature above the melting temperature of the chocolate compatible fat to form a dough and thereafter solidifying the dough to form a confectionery product having a total formulated fat content of less than 29% by weight.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7363/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HOT STAMPING PRINTING DEVICE

(51) International classification :B30B15/06,B41F19/06	(71)Name of Applicant :
(31) Priority Document No :11002812.3	1)BOBST MEX SA
(32) Priority Date :05/04/2011	Address of Applicant :Route de Faraz 3 CH 1031 Mex
(33) Name of priority country :EPO	Switzerland
(86) International Application No :PCT/EP2012/001521	(72)Name of Inventor :
Filing Date :05/04/2012	1)CHRETIEN Julien
(87) International Publication No :WO 2012/136373	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A device (300) for printing a series of elements in the form of sheets including a platen press (310) capable of depositing onto each sheet and by stamping between a static platen (320) and a movable platen (330) a colored or metalized film from at least one strip to be stamped (411) as well as a heating member (340) capable of raising any stamping tool secured to the static platen (320) to a given temperature in order for the stamping operation to be carried out under hot conditions within the platen press (310). The heating member (340) is mounted so as to be movable between an operating position in which the heating member is inserted between the static platen (320) and each stamping tool associated with said static platen (320) and a maintenance position in which the heating member is positioned outside the platen press 310.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7367/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MEDICAL DEVICE FOR USE WITH A STOMA

(51) International classification :A61F5/445,A61M39/02,A61F2/06
(31) Priority Document No :61/450422
(32) Priority Date :08/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027984
Filing Date :07/03/2012
(87) International Publication No :WO 2012/122220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)W.L. GORE & ASSOCIATES INC.
Address of Applicant :555 Paper Mill Road Newark DE 19711 U.S.A.
(72)Name of Inventor :
1)ESKAROS Sherif A.
2)EVERSON David C.
3)FOUTRAKIS George N.
4)HERMAN John M.
5)JOHNSON Matthew A.
6)LUTZ Peter J.
7)OHARA Michael L.

(57) Abstract :

An device including a proximal portion adapted for placement intermediately within a hollow body cavity to capture and divert contents; the proximal portion being expandable from an initial state with an initial diameter into an expanded state with a diameter greater than the initial diameter for engaging the proximal portion with an inner wail of the hollow body cavity; and a distal portion connected to the proximal portion adapted to extend through the abdominal wall or into the intestine to conduct the hollow body cavity contents out of the proximal portion.

No. of Pages : 32 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7368/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OPTICAL SCANNING DEVICE AND LASER MACHINING DEVICE

(51) International classification :B23K26/08,B23K26/00,B23K26/04
(31) Priority Document No :2011050385
(32) Priority Date :08/03/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2012/001610
Filing Date :08/03/2012
(87) International Publication No :WO 2012/120892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
Address of Applicant :1 1 Higashikawasaki cho 3 chome Chuo
ku Kobe shi Hyogo 6508670 Japan
(72)Name of Inventor :
1)KUGE Morimasa
2)TANAKA Hideyuki
3)NAKAZAWA Mutsuhiro
4)TAKAHARA Kazunori
5)OOGUSHI Osami

(57) Abstract :

An optical scanning device (32) is provided with a lighting means (65) for radiating light while moving at uniform angular speed and a light reflecting means (66) for reflecting the light radiated from the lighting means (65) and guiding the light to an arbitrary point to be irradiated on a predetermined scanning line (52). The light reflecting means (66) has a plurality of reflecting parts (71 72) and causes the light radiated from the lighting means (56) to be reflected two or more times and to be guided to the arbitrary point to be irradiated. The reflecting parts (71 72) are configured from a plurality of reflective surfaces (77 78). The optical path length from the lighting means (65) to the point to be irradiated is substantially constant across all the points to be irradiated on the scanning line (52) and the speed at which the light radiated from the lighting means (65) scans the scanning line (52) is substantially constant as well.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6145/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING BIOGAS FROM PECTIN AND LIGNOCELLULOSE CONTAINING MATERIAL

(51) International classification	:C12P5/02,C12P19/02	(71) Name of Applicant :
(31) Priority Document No	:11150093.0	1)NOVOZYMES A/S
(32) Priority Date	:04/01/2011	Address of Applicant :Krogshoejvej 36 DK 2880 Bagsvaerd
(33) Name of priority country	:EPO	Denmark
(86) International Application No	:PCT/EP2011/073840	(72) Name of Inventor :
Filing Date	:22/12/2011	1)OLSEN Hans Sejr
(87) International Publication No	:WO 2012/093041	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to biogas production processes with enzymatic pretreatment said processes comprising the steps of providing a slurry comprising a lignocellulose and pectin containing material water and two or more enzyme treatments; allowing the two or more enzyme treatment steps to degrade the lignocellulose and pectin containing material and adding the degraded material to a biogas digester tank at a suitable rate and ratio to effectively convert the material to biogas in the digester.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7076/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUXILIARY APPARATUS FOR THE MANUAL GUIDANCE OF MOVING THREADS

(51) International classification :B65H54/88
(31) Priority Document No :10 2011 016 786.2
(32) Priority Date :12/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/056442
Filing Date :10/04/2012
(87) International Publication No :WO 2012/140009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OERLIKON TEXTILE GMBH & CO. KG
Address of Applicant :Leverkuser Strasse 65 42897
Remscheid Germany
(72)Name of Inventor :
1)SAUER Arnulf
2)EICKER Wolfgang

(57) Abstract :

The invention relates to an auxiliary apparatus for the manual guidance of moving threads in a thread production and/or thread handling process. The auxiliary apparatus has a hand injector (2) which is connected to a compressed air line (5) and to a waste line (3) which is coupled to a waste collecting location (4) wherein the hand injector at a free end has a suction opening for accommodating the threads. In order for an operator to realize quick operating sequences in the case of complex threading and feeding operations according to the invention the hand injector has at least one manually operable control button (9) which interacts via a signal connection (11 31 32) with a control unit (10 16 34) of a machine (13) and/or a machine component (14). For this purpose use is advantageously made of a hand injector with a grip component (24) which is assigned at least one manually operable control button for triggering electrical button signals.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7077/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE DISPLAY DEVICE, IMAGE DISPLAY METHOD, AND PROGRAM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G09G5/00,G09G5/36 :2011026101 :09/02/2011 :Japan :PCT/JP2012/051678 :26/01/2012 :WO 2012/108273 :NA :NA :NA :NA	(71) Name of Applicant : 1)NEC CASIO MOBILE COMMUNICATIONS LTD. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72) Name of Inventor : 1)OKUYAMA Toshiyuki
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(57) Abstract :

This image display device has: a display unit which displays an image; a photographing unit which photographs a subject facing the display unit; a detecting unit which detects a motion of a user of the image display device with respect to the image display device; an estimating unit which estimates a tilt of a human face with respect to the display unit on the basis of an image photographed by means of the photographing unit in the case where a predetermined motion is detected by means of the detecting unit; and a display direction changing unit which changes corresponding to the estimated tilt the direction of the image displayed on the display unit.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7225/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING CONDENSATION RESINS

(51) International classification	:C08G12/12,C08L61/24	(71) Name of Applicant :
(31) Priority Document No	:11154334.4	1)BASF SE
(32) Priority Date	:14/02/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2012/052368	1)MEUER Stefan
Filing Date	:13/02/2012	2)MENZEL Klaus
(87) International Publication No	:WO 2012/110436	3)STEHMEIER Kai
(61) Patent of Addition to Application Number	:NA	4)SCHERR G¼nter
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for producing condensation resins formally formed from urea formaldehyde and CH acidic aldehydes.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7386/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOOR DEVICE FOR VEHICLE

(51) International classification :E05B1/00,B60J5/00,B60J5/04
(31) Priority Document No :2011085609
(32) Priority Date :07/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054878
Filing Date :28/02/2012
(87) International Publication No :WO 2012/137558
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan
(72)Name of Inventor :
1)AMAGAI Toyohisa
2)HOSHIKAWA Kinji
3)INOUE Hiromu

(57) Abstract :

A door device for a vehicle includes: a cable (35) for connecting a handle device (31) which is mounted to the door panel (23) of the door body (21) covering a door opening (14) of the vehicle body (11) in an openable and closable manner and a lock unit (32) with which the door body (21) is engaged. A cable holding member (58) mounted to the handle device (31) is displaced between an engagement position (A1) at which the cable holding member (58) engages with the cable (35) and a non engagement position (A2) at which the cable holding member (58) does not engage with the cable (35). An interference section (44) is provided to the door panel (23). The interference section (44) is configured in such a manner that in a state in which the handle device (31) is mounted to the door panel (23) the interference section (44) interferes with the cable holding member (58) located at the non engagement position (A2) and does not interfere with the cable holding member (58) located at the engagement position (A1).

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4094/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOW BIT RATE SIGNAL CODER AND DECODER

(51) International classification	:H03M7/30,H04N7/24	(71) Name of Applicant :
(31) Priority Document No	:12/915989	1)YEN Anton
(32) Priority Date	:29/10/2010	Address of Applicant :5827 Cozzens St San Diego CA 92122
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/058479	2)GORODNITSKY Irina
Filing Date	:28/10/2011	(72) Name of Inventor :
(87) International Publication No	:WO 2012/058650	1)YEN Anton
(61) Patent of Addition to Application	:NA	2)GORODNITSKY Irina
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved mixed oscillator and external excitation model and methods for estimating the model parameters for evaluating model quality and for combining it with known in the art methods are disclosed. The improvement over existing oscillators allows the model to receive as an input all except the most recent point in the acquired data. Model stability is achieved through a process which includes restoring unavailable to the decoder data from the optimal model parameters and by using metrics to select a stable restored model output. The present invention is effective for very low bit rate coding/compression and decoding/decompression of digital signals including digitized speech audio and image data and for analysis detection and classification of signals. Operations can be performed in real time and parameterization can be achieved at a user specified level of compression.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7085/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PREPARING DIFLUOROACETONITRILE AND THE DERIVATIVES THEREOF

(51) International classification :C07C253/14
(31) Priority Document No :11/00708
(32) Priority Date :09/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/053959
Filing Date :08/03/2012
(87) International Publication No :WO 2012/120067
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHODIA OPERATIONS
Address of Applicant :40 rue de la Haie Coq F 93306
Aubervilliers France
(72)**Name of Inventor :**
1)BUISINE Olivier

(57) Abstract :

The present invention relates to a method for preparing difluoroacetonitrile and the derivatives thereof. The method for preparing difluoroacetonitrile according to the invention is characterized in that it includes reacting halogenodifluoromethane and a source of cyanide anions in an alkaline medium. The invention also relates to the use of difluoroacetonitrile as an intermediate in the manufacture of difluoroacetic acid and the salts esters or amide thereof.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7086/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR SESSION RESILIANCY AT GEO REDUNDANT GATEWAYS

(51) International classification :H04W36/00

(31) Priority Document No :61/454328

(32) Priority Date :18/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/029579

Filing Date :18/03/2012

(87) International Publication No :WO 2012/129135

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ALCATEL LUCENT

Address of Applicant :3 avenue Octave Grard F 75007 Paris
France

(72)Name of Inventor :

1)KOMPELLA Vachaspati P.

2)SINHA Satyam

3)MULEY Praveen Vasant

4)NELAKONDA Sathyender

(57) Abstract :

A method system and apparatus for managing a backup service gateway (SGW) associated with a primary SGW the backup SGW periodically receiving from the primary SGW at least a portion of corresponding UE session state information and in response to a failure of the primary SGW assuming management of IP addresses and paths associated with the primary SGW and in response to receiving control or data plane traffic associated with a UE generating a Downlink Data Notification (DDN) message adapted to inform an MME that the UE is in a live state.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7088/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPRESSION OF IMAGES IN A SEQUENCE

(51) International classification :H04N7/26,H04N7/36,H04N7/50
(31) Priority Document No :11153367.5
(32) Priority Date :04/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051951
Filing Date :06/02/2012
(87) International Publication No:WO 2012/104435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALPHALYS S.A.R.L.
Address of Applicant :p/a 560 rue de Neudorf 2220
Luxembourg Luxembourg
(72)**Name of Inventor :**
1)VLAMING Ruud

(57) Abstract :

The present invention relates to a method and system of processing sequences of images depicting a scene to assemble in the sequence a movie. The method comprises: preprocessing subsequent images individually to obtain a sequence of preprocessed images; encoding for compression of the preprocessed images by periodically allowing individual images to pass without encoding; and encoding intermediate images in the sequence between the uncompressed images by replacing intermediate images with differences. The method further entails prior to encoding of intermediate images: in at least one of the intermediate images identifying areas where the intermediate images have not or at least not significantly changed; and replacing the identified areas by corresponding areas from the most recently passed uncompressed image.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7394/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM STORING DOCUMENT MANAGEMENT PROGRAM AND INFORMATION PROCESSING APPARATUS

(51) International classification :G06F13/00,G06F12/00
(31) Priority Document No :2011113827
(32) Priority Date :20/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003129
Filing Date :14/05/2012
(87) International Publication No :WO 2012/160772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CANON KABUSHIKI KAISHA
Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
Tokyo 1468501 Japan
(72)Name of Inventor :
1)MATSUMOTO Yoshitaka

(57) Abstract :

Users can upload files (or folders) managed by a file system of an operating system or the like to a desired folder included in a hierarchical folder structure displayed by a rich Internet application executed on a web browser by executing a drag and drop operation. The present invention uses first and second extended programs that operate on a web browser. The first extended program displays a hierarchical folder structure managed by a document management server in a display area on the web browser determines whether a pointing device overlaps with any folder displayed on the web browser based on mouse event information set by the web browser and sets information about the folder overlapping with the pointing device in the web browser. The web browser stores folder information in a bridge data storage unit. The second extended program uploads the file to the folder identified by the folder information stored in the bridge data storage unit.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7402/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGING DEVICE AND METHOD FOR CONTROLLING SAME

(51) International classification :H04N5/232,G02B7/28,G03B7/091
(31) Priority Document No :2011059425
(32) Priority Date :17/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056348
Filing Date :13/03/2012
(87) International Publication No :WO 2012/124669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CANON KABUSHIKI KAISHA
Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
Tokyo 1468501 Japan
(72)Name of Inventor :
1)FUNAMOTO Shohei

(57) Abstract :

Provided is an imaging device which improves the accuracy of a subject tracking function during continuous imaging performed by the imaging device. The imaging device comprises: imaging means for capturing a plurality of auxiliary images in the interval between a main image being captured and the next main image being captured; main subject determination means for determining a main subject; first subject tracking means which detects a region where a subject identical to the main subject is present from a first region that is part of a first auxiliary image from among the plurality of auxiliary images; and second subject tracking means which detects the region where the subject identical to the main subject is present from a second region that is wider than the first region and forms part of a second auxiliary image from among the plurality of auxiliary images. The detection result of the first subject tracking means is used to adjust the focal point before the next main image is captured and the detection result of the second subject tracking means is used to detect the region where the subject identical to the main subject is present after the next main image is captured.

No. of Pages : 74 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7403/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MIXED OXIDE COMPOSITIONS AND METHODS FOR PRODUCTION OF ISOOLEFINS

(51) International classification :C07C1/20,C07C1/24,B01J21/12	(71)Name of Applicant :
(31) Priority Document No :102011005608.4	1)EVONIK DEGUSSA GMBH
(32) Priority Date :16/03/2011	Address of Applicant :Rellinghauser Strae 1 11 45128 Essen
(33) Name of priority country :Germany	Germany
(86) International Application No :PCT/EP2012/053835	(72)Name of Inventor :
Filing Date :07/03/2012	1)WINTERBERG Markus
(87) International Publication No :WO 2012/123292	2)B-ING Christian
(61) Patent of Addition to Application Number :NA	3)MASCHMEYER Dietrich
Filing Date :NA	4)NAU Asli
(62) Divisional to Application Number :NA	5)ZANTHOFF Horst Werner
Filing Date :NA	6)QUANDT Thomas
	7)SCHULZE ISFORT Christian

(57) Abstract :

The present invention relates to mixed oxide compositions use thereof as catalyst for the cleavage of alkyl tert alkyl ethers or tertiary alcohols and also a method for cleavage of alkyl tert alkyl ethers or tertiary alcohols into isoolefins and alcohol or water.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7406/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EXTRACTION OF NEUTRAL LIPIDS BY A TWO SOLVENT METHOD

(51) International classification :C12R1/89,C11B1/10,C12P7/64
(31) Priority Document No :13/081197
(32) Priority Date :06/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059144
Filing Date :03/11/2011
(87) International Publication No :WO 2012/138380
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HELIAE DEVELOPMENT LLC
Address of Applicant :614 E. Germann Road Gilbert AZ
85297 U.S.A.
(72)**Name of Inventor :**
1)KALE Aniket

(57) Abstract :

A method for separating neutral lipids from plant material in particular intact algal cells using an amphipathic solvent set and a hydrophobic solvent set. Some embodiments include dewatering intact algal cells and then extracting neutral lipids from the algal cells. The methods provide for single and multistep extraction processes which allow for efficient separation of algal neutral lipids from a wet algal biomass while avoiding emulsification of extraction mixtures. The neutral lipids are removed after first removing a polar lipid fraction and a protein fraction. These neutral lipids can be used to generate renewable fuels as well as food products and supplements.

No. of Pages : 90 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7408/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INKJET RECORDING INK SET, INK CARTRIDGE, INKJET RECORDING DEVICE, INKJET RECORDING METHOD, AND IMAGE FORMED MATTER

(51) International classification :C09D11/00,B41J2/01,B41M5/00
(31) Priority Document No :2011081980
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059616
Filing Date :02/04/2012
(87) International Publication No :WO 2012/133953
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Ricoh Company Ltd.

Address of Applicant :3 6 Nakamagome 1 chome Ohta ku
Tokyo 1438555 Japan

(72)Name of Inventor :

1)HASEGAWA Shin

2)FUSHIMI Hiroyuki

(57) Abstract :

To provide an inkjet recording ink set which contains a cyan ink magenta ink yellow ink and black ink wherein each ink contains at least a pigment a surfactant water water soluble organic solvent and anionic self emulsifying ether based polyurethane wherein each ink contains as the pigment a combination of a (i) pigment dispersion liquid in which the pigment is dispersed in water with assistance of the surfactant and a (ii) resinous polymer coated pigment dispersion liquid in which the pigment is coated with a resinous polymer and dispersed in water and wherein the (i) pigment dispersion liquid and the (ii) resinous polymer coated pigment dispersion liquid satisfy the following formula: $|A/B| = 30 \text{ nm}$ where A is the average particle diameter (D50) of the dispersed pigment in the (i) pigment dispersion liquid and B is the average particle diameter (D50) of the dispersed resinous polymer coated pigment in the (ii) pigment dispersion liquid.

No. of Pages : 89 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7096/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WELDING METAL HAVING SUPERIOR WELDING EMBRITTLEMENT RESISTANCE CHARACTERISTICS

(51) International classification :B23K35/30,B23K9/23,B23K35/365
(31) Priority Document No :2011054648
(32) Priority Date :11/03/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2012/055595
Filing Date :05/03/2012
(87) International Publication No :WO 2012/124529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL LTD.)
Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan
(72)Name of Inventor :
1)NAKO Hidenori
2)YAMASHITA Ken
3)OTSU Minoru
4)TANIGUCHI Genichi
5)SAKATA Mikihiro

(57) Abstract :

This welding metal has a predetermined chemical composition controls the number of oxides in accordance with size and has a value of A stipulated by the belowmentioned formula of no greater than 5.0. $A = (100 - [C] - 6[\text{insol.Cr}] - 2[\text{insol.Mo}] - 24[\text{insol.V}] - 13[\text{insol.Nb}]) - ([\text{Mo}] + [\text{insol.Mo}])$ where [insol.Cr] [insol.Mo] [insol.Nb] and [insol.V] indicate the respective amount (mass%) of Cr Mo Nb and V present as a compound after stress removal annealing and [C] and [Mo] respectively indicate the amount (mass%) of C and Mo contained in the welding metal.

No. of Pages : 39 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7252/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A BACKUP SIP SERVER FOR THE SURVIVABILITY OF AN ENTERPRISE NETWORK USING SIP

(51) International classification :H04M7/00,H04L29/06,H04L12/24
(31) Priority Document No :11305279.9
(32) Priority Date :15/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051060
Filing Date :24/01/2012
(87) International Publication No :WO 2012/123151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 Avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)BRUNEL Sebastien
2)BARBERO Laurent

(57) Abstract :

This backup SIP server (BSS) comprises: means (LMM) for detecting whether an Internet protocol link is not working and enabling the use of a backup SIP signaling link to the main site via a SIP gateway and a public telephone network when the Internet protocol link is not working; means for transferring SIP signaling information on this backup link; means for when receiving a registration request from a terminal of the remote site while the Internet protocol link is not working registering this terminal locally and forwarding the registration request to the main site via the backup link; means (POM) for storing policies defining what services supplied by the main SIP server are compatible with said backup SIP signaling link and for altering the content of at least one field in each SIP signaling message addressed to the main SIP server before transferring this SIP signaling message on the backup link this content being altered according to said policies.

No. of Pages : 40 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7253/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WELL TREATMENT

(51) International classification :C09K8/508,C09K8/516
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/053704
Filing Date :11/03/2011
(87) International Publication No :WO 2012/123011
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SERVICES PETROLIERS SCHLUMBERGER

Address of Applicant :42 rue saint dominique F 75007 Paris
France

2)SCHLUMBERGER TECHNOLOGY B.V.

3)SCHLUMBERGER HOLDINGS LIMITED

4)SCHLUMBERGER CANADA LIMITED

5)PRAD RESEARCH AND DEVELOPMENT LIMITED

(72)Name of Inventor :

1)BOULARD Stphane

2)KEFI Slaheddine

3)LEE Jesse

4)SHINDGIKAR Nikhil

(57) Abstract :

The following describes a novel and alternative mechanism in regards to releasing reactive chemicals. Namely utilizing shells containing multiple emulsions that can be blended with the base fluids and then react with said base fluid upon exposure to a trigger e.g. high shear and/or elongation flow therefore plugging even large fractures. Such gelling lost circulation material allows to obtain a reliable carrier and fast reaction when triggered.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7255/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BEVERAGE SUBSTANCE PORTION CAPSULE AND METHOD FOR PRODUCING A BEVERAGE

(51) International classification :A23F3/14,A23F3/34,B65D85/804

(31) Priority Document No :10 2011 013 962.1

(32) Priority Date :14/03/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/001124

Filing Date :14/03/2012

(87) International Publication No :WO 2012/123106

(61) 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 FEE SYSTEM GMBH

Address of Applicant :Senefelderstrae 44 51469 Bergisch Gladbach Germany

(72)Name of Inventor :

1)KRGER Marc

2)EMPL G¹nter

3)EPPLER Wolfgang

(57) Abstract :

A beverage substance for producing a tea beverage is proposed wherein the beverage substance is intended to be stored in a portion capsule and to be infused in the portion capsule by means of hot water introduced under pressure into the portion capsule wherein the beverage substance is substantially particulate and at least in part comprises tea and wherein the beverage substance has a mean particle size of between 500 micrometres and 1 500 micrometres.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7410/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : REGISTRATION AND EXECUTION OF HIGHLY CONCURRENT PROCESSING TASKS

(51) International classification :G06F9/38,G06F9/46
(31) Priority Document No :13/107634
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026466
Filing Date :24/02/2012
(87) International Publication No :WO 2012/158231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BENEFITFOCUS.COM INC.
Address of Applicant :100 Benefitfocus Way Charleston South Carolina 29492 U.S.A.
(72)**Name of Inventor :**
1)MARTIN Jeremy D.

(57) Abstract :

A dependency datastructure represents a processing task. The dependency datastructure comprising a plurality of components each component encapsulating a code unit. The dependency datastructure may include dependency arcs to inter component dependencies. Dependencies that are not satisfied by components within the dependency datastructure may be represented as pseudo components. An execution environment identifies components that can be executed (e.g. have satisfied dependencies) using the dependency datastructure and/or concurrency state metadata. The execution environment may identify and exploit concurrencies in the processing task allowing for multiple components to be executed in parallel.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7446/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR THE PURIFICATION OF RAW GAS

(51) International classification :B01D53/75,C01C1/04,C10K3/04
(31) Priority Document No :PCT/EP2011/001572
(32) Priority Date :29/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/001376
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HALDOR TOPSØE A/S
Address of Applicant :Nym, llevej 55 DK 2800 Kgs. Lyngby
Denmark
(72)Name of Inventor :
1)NIELSEN H.,lund Erik Poul
2)CENNI Roberta
3)WIX Christian

(57) Abstract :

A process is disclosed for converting a carbonaceous raw material to a liquid or gaseous carbon based fuel comprising the steps of a) converting said carbonaceous raw material to a carbon based fuel b) withdrawing a process gas to be purified comprising hydrogen a carbon oxide such as carbon monoxide or carbon dioxide and nitrogen from a position of the process of step a c) subjecting the process gas to be purified to a methanation reaction in which the carbon oxide contained in the process gas to be purified are converted to methane; providing a methanated process gas; d) directing the methanated process gas to either a once through ammonia synthesis or an ammonia synthesis loop for converting nitrogen in the gas to ammonia providing an ammonia containing process gas; e) withdrawing liquid phase ammonia from the ammonia containing process gas to be purified of step d) producing a purified gas with a reduced content of nitrogen and f) directing an amount of the purified gas to a position of the process of step a wherein the molar flow of carbon in the carbon based fuel is greater than the molar flow of the ammonia withdrawn.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7447/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGHLY FUNCTIONAL POLYETHYLENE FIBER AND DYED HIGHLY FUNCTIONAL POLYETHYLENE FIBER

(51) International classification	:D01F6/04
(31) Priority Document No	:2011046207
(32) Priority Date	:03/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/071057
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/117596
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TOYOBO CO. LTD.
Address of Applicant :2 8 Dojima Hama 2 chome Kita ku
Osaka shi Osaka 5308230 Japan
(72)**Name of Inventor :**
1)FUKUSHIMA Yasunori
2)ODA Shoji
3)HAMANO Akira
4)MASUDA Minoru

(57) Abstract :

Provided is a highly functional polyethylene fiber which is small in changes of physical properties and has excellent dimensional stability over a wide range of product processing temperature and a wide range of product s service temperature. Also provided is a highly functional polyethylene fiber which is capable of achieving a high dye exhaustion ratio by a simple dyeing operation and has excellent color fastness. The highly functional polyethylene fibers of the present invention are characterized by having a limiting viscosity [] of 0.8 dL/g to 4.9 dL/g (inclusive) a repeating unit that is substantially composed of ethylene a maximum contraction stress as determined by TMA (thermomechanical analysis) of 0.4 cN/dtex or less and a thermal shrinkage at 100°C of 2.5% or less.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7448/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HNB GATEWAY DEVICE FEMTOCELL SYSTEM AND METHOD OF OPERATING HNB GW USED FOR SAME WITH REDUCED ELECTRIC POWER

(51) International classification :H04W52/02,H04W84/10,H04W92/14
(31) Priority Document No :2011063458
(32) Priority Date :23/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/001864
Filing Date :16/03/2012
(87) International Publication No :WO 2012/127840
(61) 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)HOSOBÉ Hideumi
2)SHINDO Masato

(57) Abstract :

The present invention provides an HNB gateway device capable of deactivating function units except for the function units associated with a mode identification message and a sleep mode release request message from other HNB GWs during operation in sleep mode whereby the HNB gateway device can operate with reduced electric power. An HNB gateway device (2) has a function of ascertaining its own usage rate and relays a signal between an exchange station and an HNB while shifting to sleep mode when the usage rate becomes a given value or less. The HNB gateway device has a means for changing when shifting to sleep mode the HNB gateway list (HNB GW list management unit (23)) of an HNB performing an HNB registration with respect to the HNB gateway device from an HMS using RPC: Set Parameter Values.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7449/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR ENHANCING THE RELIABILITY OF GENERATOR GROUND FAULT DETECTION ON A ROTATING ELECTRICAL MACHINE

(51) International classification :G01R31/02,G01R31/34,H02H3/17
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/052529
Filing Date :21/02/2011
(87) International Publication No :WO 2012/113440
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ABB RESEARCH LTD
Address of Applicant :Affolternstrasse 44 CH 8050 Z^urich
Switzerland
(72)Name of Inventor :
1)JOHANSSON Henrik
2)MENEZES Joseph
3)ROXENBORG Stefan
4)BENGTTSSON Tord

(57) Abstract :

The present invention relates to a method for enhancing the reliability of generator ground fault detection based on a signal injection scheme wherein the generator including a winding. The method comprises injecting a test signal at a predefined frequency to the winding (100) measuring an electrical quantity of a response signal in the winding resulted from the injected test signal (110) and detecting a ground fault based on the measured value of the electrical quantity (150). The method further comprises continuously determining the frequency of the response signal (120) and discarding the present measured value corresponding to the determined frequency (140) when the determined frequency deviates from the predefined frequency with a first threshold value (135).

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/09/2013

(21) Application No.7335/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : GENERATION OF MICROBIOCIDES INSIDE A PACKAGE UTILIZING A CONTROLLED GAS COMPOSITION

(51) International classification:A61L2/14,B65D81/24,B65B31/00

(31) Priority Document No :61/451975

(32) Priority Date :11/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/028413

Filing Date :09/03/2012

(87) International Publication No :WO 2012/125435

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PURDUE RESEARCH FOUNDATION

Address of Applicant :1281 Win Henschel Boulevard West
Lafayette IN 47906 U.S.A.

(72)Name of Inventor :

1)KEENER Kevin M.

2)JENSEN Jeanette L.

(57) Abstract :

An apparatus and method of producing an atmospheric non equilibrium plasma (ANEP) in a sealed container having a selected working gas and an object to be treated is described. A variety of working gas mixtures including air O N CO He and Ar in combination with a range of ionization gradients voltages and ANEP column lengths was investigated so as to establish effective ranges of the variables using the sterilization of a sample as a measure of effectiveness. Certain combinations of working gas voltage gradient voltage and ANEP column length were found to have greater effectiveness. The approach may be used for food products medical equipment or other objects where treatment with reactive gas atmospheres is effective.

No. of Pages : 41 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7336/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS

(51) International classification	:C08F10/06,C08F4/651	(71)Name of Applicant :
(31) Priority Document No	:11162016.7	1)BASELL POLIOLEFINE ITALIA S.R.L.
(32) Priority Date	:12/04/2011	Address of Applicant :Via Soperga 14/A I 20127 Milano Italy
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/055593	1)GUIDOTTI Simona
Filing Date	:29/03/2012	2)MORINI Giampiero
(87) International Publication No	:WO 2012/139897	3)ESPOSITO Simona
(61) Patent of Addition to Application	:NA	4)MIGNOGNA Alessandro
Number	:NA	5)PATER Joachim T. M.
Filing Date	:NA	6)PIEMONTESI Fabrizio
(62) Divisional to Application Number	:NA	7)BRITA Diego
Filing Date	:NA	

(57) Abstract :

A porous solidcatalyst component comprising a magnesium halide a titanium compound having at least a Ti halogen bond and at least two electron donor compounds one of which being selected from 1 3 diethers and the other being selected from succinates characterized by the fact that the molar ratio ID/Ti is from 0.30 to 0.90 where ID is the total molar amount of succinate and 1 3 diether the molar ratio of the 1 3 diether donor tothe succinate donor is higher than or equal to 0.60.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7485/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRODUCTION METHOD AND PRODUCTION DEVICE FOR LONG FIBER REINFORCED RESIN STRAND

(51) International classification	:B29B15/12,B29C70/06	(71)Name of Applicant :
(31) Priority Document No	:2011064696	1)KABUSHIKI KAISHA KOBE SEIKO SHO
(32) Priority Date	:23/03/2011	Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
(33) Name of priority country	:Japan	ku Kobe shi Hyogo 6518585 Japan
(86) International Application No	:PCT/JP2012/001725	(72)Name of Inventor :
Filing Date	:13/03/2012	1)TASHIRO Naoyuki
(87) International Publication No	:WO 2012/127814	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A long fiber reinforced resin strand production device is provided with: a rotary type drawing machine which forms a long fiber reinforced resin strand by drawing out a reinforcing fiber bundle impregnated with a resin from an impregnation head while rotating the reinforcing fiber bundle around the axis thereof to apply twists in the reinforcing fiber bundle and draws in the formed long fiber reinforced resin strand; and a rotary type winding machine which introduces the long fiber reinforced resin strand drawn from the rotary type drawing machine to a winding bobbin while rotating the long fiber reinforced resin strand around the axis of the strand in the same direction as the rotation direction of the reinforcing fiber bundle rotated by the rotary type drawing machine and winds the rotated long fiber reinforced resin strand around the winding bobbin. The rotary type winding machine is constituted to be capable of rotating the long fiber reinforced resin strand at a number of rotations smaller than the number of rotations of the reinforcing fiber bundle by the rotary type drawing machine.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7488/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE TO DOCUMENT PROCESSES

(51) International classification :G06K17/00,H04L9/32,H04N1/32
(31) Priority Document No :11157617.9
(32) Priority Date :10/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054305
Filing Date :12/03/2012
(87) International Publication No :WO 2012/120153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GUBO Adalbert
Address of Applicant :Frauenlobstrae 55 55118 Mainz
Germany
2)SCHTTE Christina
(72)Name of Inventor :
1)GUBO Adalbert
2)SCHTTE Christina

(57) Abstract :

The invention relates to a multi component device Z to document processes R comprising at least one step wherein a device Y collects information from all components Cij used to make the product Di of an individual process step i a device X calculates a hash code for each component Cij a device W calculates a hash code Ji from all hash codes components used in process step i and a device T provides the product Di with a mark MDi comprising a visual representation of the hash code Ji and to the use of this process in control and documentation of product or service quality logistics or manufacturing.

No. of Pages : 29 No. of Claims : 18

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DETECTING AN INTERNAL FAILURE IN H BRIDGE CONNECTED CAPACITOR BANK

(51) International classification :H02H7/16,G01R31/02,H02H3/04
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2011/052279
 Filing Date :16/02/2011
 (87) International Publication No :WO 2012/110087
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ABB RESEARCH LTD

Address of Applicant :Affolternstrasse 44 CH 8050 Zurich
 Switzerland

(72)Name of Inventor :

1)GAJIC Zoran

2)WANG Jianping

3)IBRAHIM Mustafa

(57) Abstract :

The present invention relates to a method for detecting an internal failure in a capacitor bank connected in one phase or more phases respectively to a power system. The capacitor bank comprises a plurality of capacitor units. Each of the capacitor units comprises a plurality of capacitor elements connected in parallel and/or series. The capacitor units are further divided into two strings and a current transformer is arranged in the midpoints of the two strings so that the capacitor units are further divided into four quadrants and the internal failure(s) may occur in one or more capacitor elements or units and involves one or more capacitor quadrants. The method comprises measuring the phase current of each individual phase of the capacitor bank (100) continuously calculating the root mean square value denoted by RMS of the measured phase current (110) measuring the unbalance current (120) continuously calculating the RMS value of the measured unbalance current (130) detecting the phase angle between the measured phase current and its corresponding measured unbalance current (140) continuously calculating a per unit value of the unbalance current based on the calculated RMS value of the measured phase current and the calculated RMS value of the measured unbalance current (145) tracking and detecting a change in the calculated unbalance current between the present calculated per unit value of the unbalance current and the previous calculated per unit value of the unbalance current (160) determining the step change of the per unit value of the unbalance current (170) determining the number of internal failures and their corresponding locations based on the determined step change of the per unit value of the unbalance current and the detected phase angle (200) and initiating an alarm and/or a trip signal when the determined total number of internal elements failures exceeds a first or a second threshold value (210).

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7359/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMPROVED SOLVENT FOR RECOVERY OF MALEIC ANHYDRIDE FROM A GAS STREAM

(51) International classification	:C08F222/02,C08F222/08	(71) Name of Applicant :
(31) Priority Document No	:61/484994	1)HUNTSMAN PETROCHEMICAL LLC
(32) Priority Date	:11/05/2011	Address of Applicant :10003 Woodloch Forest Drive The
(33) Name of priority country	:U.S.A.	Woodlands TX 77380 U.S.A.
(86) International Application No	:PCT/US2012/036235	(72) Name of Inventor :
Filing Date	:03/05/2012	1)SMITH William Alan
(87) International Publication No	:WO 2012/154479	2)CHERNYAK Yury
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process is described for producing crude maleic anhydride from a reactor effluent stream containing maleic anhydride. The reactor effluent stream is contacted with a solvent having a normal boiling point between about 250°C and about 350°C solubility of fumaric acid at least about 0.06 wt% at 60°C solubility of maleic anhydride at least about 10 wt% at 60°C solubility in water no higher than about 100 mg/L density different from the density of water by at least about 0.020 g/mL and water soluble hydrolysis products with molecular weight no higher than the molecular weight of pentanol. The solvent may be non cyclic non aromatic linear and/or branched and may have the general structure RCOORCOOR wherein R and R are each linear or branched C to C groups and R is a linear or branched C to C group.

No. of Pages : 14 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7504/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SMOKING ARTICLE

(51) International classification :A24D1/00,A24D3/04,A24B3/14
(31) Priority Document No :1104788.3
(32) Priority Date :22/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/053802
Filing Date :06/03/2012
(87) International Publication No:WO 2012/126721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
Address of Applicant :Globe House 1 Water Street London WC2R 3LA U.K.
(72)**Name of Inventor :**
1)FIEBELKORN Richard

(57) Abstract :

A smoking article comprising a filter section comprising a first region of filtration material for removing particulate matter from a smoke stream wherein the rod the smoking article is arranged to enhance heat transfer towards the first region of filtration material is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4104/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 3-[2-[4-(6-FLUORO-1, 2-BENZISOXAZOL-3-YL) - 1- PIPERIDINYL]ETHYL] -6,7,8,9-TETRAHYDRO-9-HYDROXY-2-METHYL-4H-PYRIDO[1,2-A]PYRIMIDIN-4-ONE

(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

(71)Name of Applicant :

1)DR. DAVULURI RAMAMOHAN RAO

Address of Applicant :204, II FLOOR, MERIDIAN PLAZA,
6-3-853/1, AMEERPET, HYDERABAD - 500 016 Andhra
Pradesh India

(72)Name of Inventor :

1)PONNAIAH RAVI

2)NEELA PRAVEEN KUMAR

3)BATTHINI GURUSWAMY

4)B. VEERA NARAYANA

5)TELAGAREDDY VENKATA NARASIMHARAO

6)KOSIREDDY RAVANABABU

(57) Abstract :

A process for the preparation of paliperidone from the hydrolysis of paliperidone palmitate in the presence of an acid in a solvent.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5348/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CAGE FOR A ROLLING BEARING, NOTABLY FOR A MOTOR VEHICLE ELECTRIC POWER STEERING BEARING

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:1261290	1)AKTIEBOLAGET SKF
(32) Priority Date	:27/11/2012	Address of Applicant :415 50 GOTEORG Sweden
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	1)THIERRY ADANE
Filing Date	:NA	2)THOMAS PERROTIN
(87) International Publication No	: NA	3)LAURENT VARNOUX
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Cage for a rolling bearing comprising a plurality of pockets (13) for a plurality of rolling elements (4), at least one pocket (13) being of ellipsoidal shape and provided with means (14) of axial retention of the cage (10) on the corresponding rolling element (4), the ellipse defining the said ellipsoidal pocket (13) being determined by a major axis (A) situated in the circumferential plane of the cage (10) and a minor axis (B) in the axial direction of the cage (10). The minor axis (B) is comprised between the major axis (A) and the diameter (D) of the rolling element (4) arranged in the said ellipsoidal pocket (13).

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5686/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SINGLE EXTERNAL ANTENNA FOR FM PHASE DIVERSITY FOR A VEHICLE RADIO UNIT

(51) International classification	:G08B
(31) Priority Document No	:13/713,638
(32) Priority Date	:13/12/2012
(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

(71)**Name of Applicant :**
1)VISTEON GLOBAL TECHNOLOGIES, INC.
Address of Applicant :ONE VILLAGE CENTER DRIVE,
VAN BUREN TOWNSHIP, MICHIGAN 48111-5711 U.S.A.
(72)**Name of Inventor :**
1)YAO H. KUO

(57) Abstract :

Systems, apparatuses and methods for providing FM phase diversity capabilities are provide. In some aspects, a vehicle system includes a first FM antenna positioned externally of a vehicle and adapted to receive a first FM signal, a radio unit positioned internally of the vehicle and including a display and at least one user control, a cable electrically coupled to the first FM antenna and the radio unit to communicate the first FM signal to the radio unit, and a second FM antenna positioned internally of the vehicle and adapted to receive a second FM signal that is communicated to the radio unit. In another aspect, a radio unit positioned internally of the vehicle may include a printed wire board and a second FM antenna may be positioned on the printed wire board internally of the vehicle and adapted to receive a second FM signal.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7501/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AFFINITY BASED RANKED FOR SEARCH AND DISPLAY

(51) International classification	:G06Q50/30,G06F17/40	(71) Name of Applicant :
(31) Priority Document No	:61/444424	1)GOOGLE INC.
(32) Priority Date	:18/02/2011	Address of Applicant :1600 Amphitheatre Parkway Mountain
(33) Name of priority country	:U.S.A.	View California 94043 U.S.A.
(86) International Application No	:PCT/US2012/025455	(72) Name of Inventor :
Filing Date	:16/02/2012	1)STEINER Matthew S.
(87) International Publication No	:WO 2012/112780	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods systems and apparatus including computer programs encoded on a computer storage medium for affinity based ranking and display of digital photographs. In one aspect a method includes receiving an identifier that identifies a first user; accessing data defining relationships of the first user to second users; accessing digital photographs; determining digital photographs that are each associated with one or more of the first user and the second users; for each digital photograph generating a photograph score based on the association with one or more of the first user and the second users and corresponding affinity scores representing the relationships of the first user to the second users; ordering the digital photographs according photograph scores; and providing one or more of the digital photographs to a user device of the first user according to the order.

No. of Pages : 34 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7503/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WELD OVERLAY STRUCTURE AND A METHOD OF PROVIDING A WELD OVERLAY STRUCTURE

(51) International classification	:B23K9/04,F22B37/10
(31) Priority Document No	:13/032002
(32) Priority Date	:22/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2012/050734
Filing Date	:17/02/2012
(87) International Publication No	:WO 2012/114242
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FOSTER WHEELER NORTH AMERICA CORP.

Address of Applicant :53 Frontage Road P.O. Box 9000
Hampton NJ 08827 9000 U.S.A.

2)POURIN WELDING ENGINEERING CO. LTD.

(72)Name of Inventor :

1)MURPHY John

2)LEE Haisheng

(57) Abstract :

A method of providing a weld overlay structure (10) on a heat transfer tube (12) or a membrane surface. A first continuous bead portion (26 40) of an overlay material is applied onto the heat transfer tube or membrane surface by using a weld head to melt the overlay material. A second continuous bead portion (26 40) of the overlay material is applied onto the heat transfer tube or membrane surface by using a weld head to melt the overlay material in which the second bead portion partially overlaps with the first bead portion forming a groove (30) between the first bead portion and the second bead portion. A third continuous bead portion (32 42) of an overlay material is applied onto the heat transfer tube or membrane surface by using a weld head to melt the overlay material into the groove (30) between the first bead portion and the second bead portion so as to form a relatively smooth surface.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6116/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MANUFACTURING METHOD FOR FLUORINE CONTAINING SULFONYL IMIDE SALT

(51) International classification :C01B21/093

(31) Priority Document No :2011046739

(32) Priority Date :03/03/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/054888

Filing Date :28/02/2012

(87) International Publication No :WO 2012/118063

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Nippon Soda Co. Ltd.

Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku
Tokyo 1008165 Japan

(72)Name of Inventor :

1)TSUBOKURA Shiro

2)SUZUKI Toru

3)MARUYAMA Michiaki

4)AIURA Yasuyuki

(57) Abstract :

Obtain a fluorine containing sulfonyl imide alkali metal salt such as N N di(fluorosulfonyl)imide lithium salt N N di(fluorosulfonyl)imide potassium salt or N N di(fluorosulfonyl)imide sodium salt by reacting a fluorine containing sulfonyl imide ammonium salt such as N N di(fluorosulfonyl)imide ammonium salt and an alkali metal hydroxide such as lithium hydroxide potassium hydroxide or sodium hydroxide at a low temperature of around 40°C and under reduced pressure.

No. of Pages : 27 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6118/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INFORMATION PROCESSING TERMINAL AND CONTROL METHOD FOR SAME

(51) International classification	:G06F3/048,H04M1/00	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(31) Priority Document No	:2011000829	
(32) Priority Date	:05/01/2011	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/078261	(72) Name of Inventor : 1)HONDA Kotaro
Filing Date	:07/12/2011	
(87) International Publication No	:WO 2012/093540	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is technology that achieves a highly convenient browser in an information processing terminal having a plurality of displays. The information processing terminal has a display unit and a control unit. The display unit has a plurality of displays. The control unit displays a first browser screen in a first display in the display unit and once the first browser screen is fixed displays in a second display a second browser screen resulting from the operations performed on the first browser screen.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7214/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUPERPOSITION CODING IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/00,H04B7/005
(31) Priority Document No :60/794,874
(32) Priority Date :24/04/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/067335
Filing Date :24/04/2007
(87) International Publication No :WO/2007/127751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5647/CHENP/2008
Filed on :20/10/2008

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :INTERNATIONAL IP
ADMINISTRATION, OF 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)KIRAN KIRAN
2)NAGA BHUSHAN
3)RASHID AHMED AKBAR ATTAR

(57) Abstract :

A method implemented on a computing device, the method comprising: compiling user candidates for superposition coding; ranking the user candidates based on a result of an evaluation function; selecting a deserving user candidate from among the user candidates; determining whether to generate a superposition coded packet based on a data rate requested by the deserving user candidate; and adding other user data packets to a packet of the deserving user candidate to generate the superposition coded packet in response to determining to generate the superposition coded frame, characterized in that the superposition coded packet comprises a first packet formatted in accordance with a first multiple access technique and a second packet formatted in accordance with a second multiple access technique.

No. of Pages : 75 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7370/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A METHOD AND A SYSTEM FOR SECURING FINANCIAL TRANSACTION

(51) International classification :G06Q40/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IN2011/000226

Filing Date :31/03/2011

(87) International Publication No :WO 2012/131685

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INFOSYS LIMITED

Address of Applicant :IP CELL,#44 Electronic City Hosur
Road Bangalore 560 100 Karnataka India

(72)Name of Inventor :

1)KIRAN KANNAMBADI Subbakrishna Ramsesh

(57) Abstract :

The present disclosure is related to a method for securing financial transaction. The method includes encrypting transaction information on a server (102) upon receipt of said information from a computing device (101). Encoding the encrypted transaction information into a predefined image pattern and transmitting the encoded image to the computing (device 101). The method further includes scanning the image displayed on the computing device (101) from user s mobile device (103) to decode the scanned image and to decrypt the transaction information. The method also includes prompting the user upon successful decryption to enter Personal Identification Number (PIN) into the mobile device (103) to generate a unique signature. Finally the user enters the signature on the computing device (101) for validation of said signature by the server (102) to secure the financial transaction.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7521/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PIVOTING RING SEAL

(51) International classification	:A61F2/958
(31) Priority Document No	:61/475822
(32) Priority Date	:15/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/033696
Filing Date	:14/04/2012
(87) International Publication No	:WO 2012/142540
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)W.L. GORE & ASSOCIATES INC.

Address of Applicant :555 Paper Mill Road P.O. Box 9206
Newark DE 19711 U.S.A.

(72)Name of Inventor :

1)CAMPBELL Carey V.

2)FRIEDMAN Nathan L.

3)TRAPP Benjamin M.

(57) Abstract :

The instant invention provides for a pivoting ring that can be used as a seal for an inflatable member. The pivoting ring seal offers a mechanical action which acts to tighten with increasing inflation and/or expansion of an inflatable member. As the inflatable member increases in pressure and/or size one side of the ring is lifted and pivots around a fulcrum in the middle of the ring seal causing the opposite side of the ring seal to decrease in diameter. The pivot ring causes the opposite part of the seal to tighten about an inner member allowing for a higher pressure seal. In addition to a higher pressure seal the working length of the inflatable member can be adjusted by moving the ring along the length of the inflatable member.

No. of Pages : 57 No. of Claims : 94

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6791/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WEDGE INSERTER AND COIL INSERTION APPARATUS

(51) International classification	:H02K15/04,H02K1/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)E Tec KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :2 174Ogi higashiKomaki city Aichi
(33) Name of priority country	:NA	4850059 Japan
(86) International Application No	:PCT/JP2011/054749	(72)Name of Inventor :
Filing Date	:02/03/2011	1)HOSONO Seiji
(87) International Publication No	:WO 2012/117535	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a wedge inserter and a coil insertion apparatus that can insert a wedge up to a predetermined position without requiring complicated processing on the wedge and without producing buckling of the wedge. [Means] A wedge inserter or a coil inserter comprising the wedge inserter, wherein a wedge pusher is composed of a push rod section comprising a rod-shaped body, and a tongue-piece section, and wherein the front part of the tongue-piece section is made to protrude more than the front tip section of the push rod section, to support the back face of the wedge in the final insertion stage, so that the wedge can be inserted to a prescribed position without producing buckling.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7089/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOSE SETTING MECHANISM AND INJECTION DEVICE

(51) International classification	:A61M5/24,A61M5/315	(71)Name of Applicant :
(31) Priority Document No	:11159756.3	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:25/03/2011	Address of Applicant :Brüningstrae 50 65929 Frankfurt
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/055054	(72)Name of Inventor :
Filing Date	:22/03/2012	1)PLUMPTRE David Aubrey
(87) International Publication No	:WO 2012/130703	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dose setting mechanism (1) for a drug delivery device is provided comprising a dose setting member (3) a drive member (4) a clutch (5a 5b) a first clicker (6) and second clicker (6). The first clutch (5a 5b) and a second clutch (10 11) are designed and adapted to each other such that at any time during operation either the first clutch (5a 5b) rotationally couples the dose setting member (3) and the drive member (4) and/or the second clutch (10 11) rotationally couples the drive member (4) and the first clicker component (6). Further the invention refers to an injection device with such a dose setting mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7400/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS OF LOW ENERGY CONSUMPTION FOR PREPARING A CARBOXYLIC ACID ESTER

(51) International classification :C07C67/08,C07C69/14
(31) Priority Document No :1152175
(32) Priority Date :17/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/053777
Filing Date :06/03/2012
(87) International Publication No :WO 2012/123279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHODIA OPERATIONS
Address of Applicant :40 rue de la Haie Coq F 93306
Aubervilliers France
(72)**Name of Inventor :**
1)BREHELIN Mathias
2)AMOROS Daniel
3)PITIOT Pascal

(57) Abstract :

The present invention relates to a process for manufacturing ethyl acetate which consists in reacting ethyl alcohol with acetic acid in the presence of a solid acid catalyst and simultaneously separating the reaction components by distillation in a reactive distillation device comprising at least three zones: a reaction zone in which the reaction takes place simultaneously with the separation by distillation of the components in an upper separating zone and in a lower separating zone the organic phase obtained in the upper separating zone being isolated and partially refluxed into the reaction zone. The process of the invention is improved as regards firstly the operating energy costs while at the same time obtaining an entirely satisfactory degree of conversion of ethanol and secondly a column tail stream containing a very low proportion of acid thereby simplifying the rest of the process and reducing the energy costs thereof.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7555/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : EXTENDED RELEASE FORMULATIONS OF RASAGILINE AND USES THEREOF

(51) International classification :A61K 9/50

(31) Priority Document No :61/301019

(32) Priority Date :03/02/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2011/000126

Filing Date :03/02/2011

(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)PHARMA TWO B LIMITED

Address of Applicant :3 Pekeris Street Park Tamar 76702

Rehovot Israel Israel

(72)Name of Inventor :

1)Yoram Sela

2)Nurit Livnah

3)Itschak Lamensdorf

4)Tomer Madmon

(57) Abstract :

The present invention provides various pharmaceutical compositions in particular for oral administration formulated for extended release of active compounds useful in the treatment of neurodegenerative diseases in particular ParkinsonTMs disease and injuries to the nervous system. The active compound comprised within these compositions is preferably selected from N-propargyl-1-aminoindan an enantiomer thereof or a pharmaceutically acceptable salt thereof more preferably rasagiline or a pharmaceutically acceptable salt thereof.

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7896/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DRIVE CHAIN COMPRISING A DOUBLY FED ELECTRIC MACHINE AND A BAND STOP FILTER CONNECTED BETWEEN AN INVERTER AND THE ROTOR OF THE MACHINE

(51) International classification :H02J3/38,H02P9/00,H02H7/06
(31) Priority Document No :1152940
(32) Priority Date :05/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/056359
Filing Date :05/04/2012
(87) International Publication No :WO 2012/136809
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED
Address of Applicant :Boughton Road Rugby Warwickshire
CV 21 1BU U.K.
(72)Name of Inventor :
1)PERMUY Alfred

(57) Abstract :

The invention relates to a drive chain (16) comprising an electric machine (18) including a rotor (22) and a stator (20), the stator (20) being electrically connected to an alternating grid (12) and having a stator frequency, and a bidirectional system (24) for converting an alternating current into another alternating current. The conversion system (24) is connected between the grid (12) and the rotor (22), and comprises an ac/dc converter (34) connected to the network (12), and an inverter (36) connected between the ac/dc converter (34) and the rotor (22), the inverter (36) and the rotor (22) being interconnected at an intermediate point (28) for each phase of the alternating voltage. The drive chain (16) comprises a band-stop filter (26) for a target interval of between 0.6 times the stator frequency (fstator) and 1.4 times the stator frequency, said band-stop filter (26) being connected between the intermediate points (28) and attenuating the voltage at the intermediate point (28) for the frequencies of the target interval.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7398/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PREPARING POLYESTERETHEROLS

(51) International classification	:C08G63/00,C08G65/00	(71) Name of Applicant :
(31) Priority Document No	:11154859.0	1)BASF SE
(32) Priority Date	:17/02/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2012/052658	1)KUNST Andreas
Filing Date	:16/02/2012	2)ZARBAKHSI Sirus
(87) International Publication No	:WO 2012/110585	3)KAMPF Gunnar
(61) Patent of Addition to Application Number	:NA	4)BALBO BLOCK Marco
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for preparing polyesteretherols by alkoxylating polyesterols and to the use of the polyesteretherols for preparation of polyurethanes.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7902/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR CARRYING OUT EXOTHERMIC CATALYTIC REACTIONS AND A REACTOR FOR USE IN THE METHOD

(51) International classification	:B01J8/02,B01J8/04
(31) Priority Document No	:PA 2011 00452
(32) Priority Date	:16/06/2011
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2012/061475
Filing Date	:15/06/2012
(87) International Publication No	:WO 2012/172065
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HALDOR TOPSØE A/S
Address of Applicant :Nym, llevej 55 DK 2800 Kgs. Lyngby
Denmark
(72)**Name of Inventor :**
1)THORHAUGE Max

(57) Abstract :

Method and a reactor for performing exothermic catalytic reactions. The method comprises the steps of providing a feed gas stream comprising reactants for the exothermic catalytic reaction to a fixed bed catalytic reactor comprising one or more catalyst beds each with catalyst particles filled sections with a catalyst volume; providing a feed gas bypass inside the reactor by arranging within at least one of the catalyst beds a number of bypass passageways without catalytic active particles inside the passageways and having a cooling surface area; passing a part of the feed gas stream through the bypass passageways and reminder of the stream through the catalyst particles filled sections; and removing heat from the feed gas stream being passed through the catalyst filled sections by indirect heat transfer to the part of the feed gas stream being passed through the bypass passageways.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7905/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR RECEIVING UPLINK RADIO FREQUENCY SIGNALS IN A RADIO COMMUNICATION SYSTEM MASTER UNIT AND SLAVE UNIT THEREOF

(51) International classification	:H04B7/02
(31) Priority Document No	:11305734.3
(32) Priority Date	:10/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/058344
Filing Date	:07/05/2012
(87) International Publication No	:WO 2012/168013
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)**Name of Inventor :**
1)DOETSCH Uwe
2)DOLL Mark
3)SCHREIBER Gerhard

(57) Abstract :

The invention relates to a method (1) for receiving uplink radio frequency signals (RFS) in a radio communication system. The radio communication system comprises at least one antenna system for a reception of the uplink radio frequency signals (RFS) a slave unit (SU) connected to the at least one antenna system and a master unit (MU) controlling the slave unit (SU). The method (MET1) comprises the steps of receiving (M1/10) at the at least one antenna system the uplink radio frequency signals (RFS) verifying (M1/13) whether a characteristic parameter of the received uplink radio frequency signals (RFS) fulfills a predefined criterion and controlling (M1/14) a forwarding of the received uplink radio frequency signals (RFS) to the master unit (MU) depending on a fulfillment of the predefined criterion. The invention further relates to the master unit (MU) for use in the radio communication system to a slave unit (SU) for use in the radio communication system to a radio network controller comprising the master unit (MU) to a base station comprising the master unit (MU) and/or the slave unit (SU) and to a remote radio head comprising the slave unit (SU).

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7906/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DYNAMIC ASSIGNING OF BANDWIDTH TO FIELD DEVICES IN A PROCESS CONTROL SYSTEM

(51) International classification :H04W28/20,G05B19/418
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/059729
Filing Date :14/06/2011
(87) International Publication No :WO 2012/171549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB RESEARCH LTD
Address of Applicant :Affolternstrasse 44 CH 8050 Z¹/₄rich
Switzerland
(72)**Name of Inventor :**
1)...KERBERG Johan
2)LANDERN,,S Krister
3)GIDLUND Mikael

(57) Abstract :

The invention concerns a wireless network managing device (22) for a wireless network (WN1) that is part of a process control system (10). The wireless network managing device comprises a node determination element configured to receive an operator selection of at least one node in the process control system via an operator terminal (12) and determine a field device (24) implementing the functionality of the node and a bandwidth control element configured to adjust a bandwidth assigned to said at least one field device in an auxiliary data section of a communication structure used by the wireless network based on the received operator selection in order to increase system responsiveness.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7387/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PRODUCTION OF SULPHURIC ACID

(51) International classification :B01D5/00,C01B17/80,F25B39/04

(31) Priority Document No :PA 2011 00260

(32) Priority Date :06/04/2011

(33) Name of priority country :Denmark

(86) International Application No :PCT/EP2012/001183

Filing Date :16/03/2012

(87) International Publication No :WO 2012/136307

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HALDOR TOPSØE A/S

Address of Applicant :Nym, llevej 55 DK 2800 Kgs. Lyngby
Denmark

(72)Name of Inventor :

1)LYKKE Mads

2)HANSEN Helbo Anders

3)RASMUSSEN Juul Anders

(57) Abstract :

The invention relates to a condenser having a process gas side and a heat transfer medium side said condenser being configured for feeding a hot process gas containing a condensable component to an inlet of the condensing side and being further configured for withdrawing a cooled process gas from an outlet of the condensing side and being even further configured for withdrawing a condensate in a position proximate to one end of the condenser and said condenser having the process gas side divided in a process gas cooling zone configured for having a cool heat transfer medium inlet and a heated heat transfer medium outlet and a process gas re heating zone downstream the process gas cooling section configured for re heating of the process gas as well as a processes for condensation and production of sulphuric acid employing such a condenser.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7388/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS METHOD AND COMPUTER PROGRAM FOR DETERMINING A FREQUENCY OFFSET

(51) International classification :H04L27/26,H04L27/233
(31) Priority Document No :11290096.4
(32) Priority Date :18/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/073054
Filing Date :16/12/2011
(87) International Publication No :WO 2012/110143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)**Name of Inventor :**
1)DOETSCH Uwe
2)OHM Michael

(57) Abstract :

Embodiments relate to a concept for determining an estimate (17) of a frequency offset between a carrier frequency of a received signal (12) and a carrier frequency of a transmitted signal comprising determining based on the received signal (12) an estimate (13) of the carrier frequency of the received signal (12) generating a reference signal (15) having a reference frequency corresponding within a predefined tolerance range to the carrier frequency of the transmitted signal and estimating the frequency offset (17) based on the estimated carrier frequency (13) of the received signal (12) and the reference frequency of the reference signal (15).

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7389/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL OXAZOLIDINONE DERIVATIVE AND MEDICAL COMPOSITION CONTAINING SAME

(51) International classification :C07D413/14,A61K31/53,A61P31/04
(31) Priority Document No :1020110028559
(32) Priority Date :30/03/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/002314
Filing Date :29/03/2012
(87) International Publication No :WO 2012/134188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LEGOCHEM BIOSCIENCES INC.
Address of Applicant :8 26 Munpyeongseo ro Daedeok gu
Daejeon 306 220 Republic of Korea
(72)Name of Inventor :
1)CHO Young Lag
2)BAEK Sung Yoon
3)CHAE Sang Eun
4)KIM Sun Young
5)LEE Hong Bum
6)LEE Hyang Sook
7)OH Kyuman
8)HEO Hye Jin
9)PARK Tae Kyo
10)WOO Sung Ho
11)KIM Yong Zu

(57) Abstract :

The present invention relates to a novel oxazolidinone derivative indicated as chemical formula 1 on the description and in particular to a novel oxazolidinone compound having a cyclic amidoxime or a cyclic amidrazone group. In the chemical formula 1 R and Q are identical to as defined in the detailed explanation. In addition the present invention relates to an antibiotic medical compound having the novel oxazolidinone derivative of the chemical formula 1 a prodrug thereof a hydrate thereof a solvate thereof an isomer thereof and a pharmaceutically permitted salt thereof as active ingredients. The novel oxazolidinone derivative of the present invention the prodrug thereof the hydrate thereof the solvate thereof the isomer thereof and the pharmaceutically permitted salt thereof have a wide antibacterial spectrum for resistant bacteria have low toxicity and show strong antibacterial effect on gram positive and gram negative bacteria and is thereby useful as an antibiotic.

No. of Pages : 121 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2013

(21) Application No.7912/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROTEIN CONTAINING COMPOSITION AND METHOD FOR PRODUCING SAME

(51) International classification :C07K1/14,A23J1/14,A23J3/14
(31) Priority Document No :2011080743
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058616
Filing Date :30/03/2012
(87) International Publication No :WO 2012/133792
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEIJI CO. LTD.
Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo
1368908 Japan
(72)**Name of Inventor :**
1)KOGA Jinichiro
2)YONEKURA Kumiko
3)TAMURA Kazuji
4)SAITO Satomi
5)FUKASAWA Tomoyuki
6)SHINEI Rie

(57) Abstract :

Provided is a method of producing a protein-containing composition that contains a protein obtained from cacao beans at a high content, is substantially free of a fatty ingredient, caffeine, theobromine, and polyphenols, and has no bitter taste and astringent taste (i.e. sustained harshness) . The method of producing a protein-containing composition includes: (a) an extraction step of extracting a protein from a raw material containing a protein from cacao beans under an alkaline condition to obtain an extract containing the protein; and (b) a precipitation step of precipitating the protein from the extract obtained in the step (a) under an acidic condition to obtain the protein-containing composition that contains the protein from cacao beans at a weight ratio of 42 to 70% based on the total solids. The production method may include (c) a defatting step of removing a fatty ingredient of cacao beans before the step (a) and/or after the step (b).

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7260/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DETERMINING AT LEAST ONE PARAMETER OF TWO EYES BY SETTING DATA RATES AND OPTICAL MEASURING DEVICE

(51) International classification :A61B3/00,A61B3/024,A61B3/107
(31) Priority Document No :11158891.9
(32) Priority Date :18/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054605
Filing Date :15/03/2012
(87) International Publication No :WO 2012/126808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SENSOMOTORIC INSTRUMENTS GESELLSCHAFT
FR INNOVATIVE SENSORIK MBH**
Address of Applicant :Warthestrae 21 14513 Teltow Germany
(72)**Name of Inventor :**
1)NISTICO Walter
2)HOFFMANN Jan
3)SCHMIDT Eberhard

(57) Abstract :

The invention relates to a method for determining at least one parameter of two eyes (10I 10r) of a test person (31) the method comprising the following steps: optically capturing of a first eye (10I; 10r) of the two eyes (10I 10r) by means of a first capturing unit (3I; 3r); optically capturing the second eye (10r; 10I) of the two eyes (10I 10r) by means of a second capturing unit (3r; 3I); transmitting first signals concerning the captured first eye (10I; 10r) from the first capturing unit (3I; 3r) to an analysis unit (27) and transmitting second signals concerning the captured second eye (10r; 10I) from the second capturing unit (3r; 3I) to the analysis unit (27); determining the at least one parameter of the two eyes (10I 10r) on the basis of the transmitted first and second signals in the analysis unit (27) characterized by the following step: setting a first data rate for the first signals and a second data rate for the second signals wherein the first and the second data rate differ from each other and wherein the transmitting of the first signals is effected at a first data rate and the transmitting of the second signals is effected at a second data rate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7930/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTI COMPONENT FILTERS FOR EMISSIONS CONTROL

(51) International classification	:B01D53/94,F01N3/10	(71)Name of Applicant :
(31) Priority Document No	:61/468859	1)BASF CORPORATION
(32) Priority Date	:29/03/2011	Address of Applicant :100 Campus Drive Florham Park New
(33) Name of priority country	:U.S.A.	Jersey 07932 U.S.A.
(86) International Application No	:PCT/US2012/033802	(72)Name of Inventor :
Filing Date	:16/04/2012	1)BOORSE R. Samuel
(87) International Publication No	:WO 2012/135871	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Catalytic articles systems and methods for treating exhaust gas streams are described. A catalytic article comprising a wall flow filter having gas permeable walls a hydrolysis catalyst an optional soot oxidation catalyst a selective catalytic reduction catalyst permeating the walls an ammonia oxidation catalyst and an oxidation catalyst to oxidize CO and hydrocarbons is described. Methods of treating exhaust gas streams comprising soot an ammonia precursor such as urea ammonia NO CO and hydrocarbons are also provided.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7931/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DETERMINING EXPOSURE TO MYCOBACTERIA

(51) International classification	:G01N33/569,G01N33/58	(71)Name of Applicant :
(31) Priority Document No	:1105436.8	1)BANGOR UNIVERSITY
(32) Priority Date	:31/03/2011	Address of Applicant :Bangor Gwynedd LL57 2DG U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2012/050726	1)GWENIN Christopher David
Filing Date	:30/03/2012	2)BAIRD Mark Stephen
(87) International Publication No	:WO 2012/131394	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of determining the presence or absence in a sample of a biomarker indicative of exposure to mycobacteria the method comprising: (a) providing a substrate carrying a mycolic acid derived antigen; (b) contacting the substrate with the sample; (c) contacting the substrate with a fluorophore species; (d) creating an evanescent wave at the boundary of the substrate and the sample; (e) detecting the presence or absence of fluorescence.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7932/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PEST CONTROL COMPOSITION AND METHOD FOR CONTROLLING PESTS

(51) International classification :A01N47/40,A01N33/26,A01N37/24
(31) Priority Document No :2011090796
(32) Priority Date :15/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059133
Filing Date :28/03/2012
(87) International Publication No :WO 2012/141049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO CHEMICAL COMPANY LIMITED
Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo
1048260 Japan
(72)Name of Inventor :
1)SAKAMOTO Emiko
2)SAKAMOTO Norihisa

(57) Abstract :

An arthropod pest control composition comprising a cyanamide compound represented by the formula (1): one or more insect growth regulating compounds selected from Group (A), and one or more sheath blight control compounds selected from Group (B); Group (A): a group consisting of methoxyfenozide, chromafenozide, and tebufenozide, and Group (B): a group consisting of flutolanil, pencycuron, N- [2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-1H- pyrazole-4-carboxamide, furametpyr, and validamycin A.

No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7934/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MEMBRANE SEPARATION TYPE CULTURE DEVICE MEMBRANE SEPARATION TYPE CULTURE KIT STEM CELL SEPARATION METHOD USING SAME AND SEPARATION MEMBRANE

(51) International classification :C12M3/00,C12N5/074,C12N15/09
(31) Priority Document No :2011075861
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058637
Filing Date :30/03/2012
(87) International Publication No :WO 2012/133803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)National Center for Geriatrics and Gerontology
Address of Applicant :35 Gengo Morioka machi Obu shi Aichi 4748511 Japan
2)Toray Industries Inc.
(72)Name of Inventor :
1)NAKASHIMA Misako
2)IOHARA Koichiro
3)YAMADA Kazumasa
4)SHIMAGAKI Masaaki
5)OSABE Masahiro

(57) Abstract :

A membrane separation culture device 1, which comprises an upper structure 10 constituted with a vessel comprising a membrane 12 having, in at least a portion thereof, pores 121 that allow stem cells to permeate therethrough, and a lower structure 13 constituted with a vessel that retains a fluid in which the membrane of the upper structure is immersed; a membrane separation culture kit comprising the membrane separation culture device 1 and cell migration factor(s); a method for separating stem cells, which comprises a step of dispersing test cells or test tissues on the membrane 12 of the upper structure 10, a step of filling the lower structure 13 with a medium containing the cell migration factor(s), and a step of allowing the membrane 12 of the upper structure 10 to come into contact with the medium in the lower structure 13; and a separation membrane comprising a base material membrane consisting of a hydrophobic polymer and a functional layer formed by allowing one or more hydrophilic polymers selected from a vinyl pyrrolidone polymer, a polyethylene glycol polymer and a vinyl alcohol polymer to bind to the surface of the base material membrane via a covalent bond, wherein the weight percentage of the hydrophilic polymer(s) constituting the functional layer is 1.5% to 35% based on the total weight of the separation membrane.

No. of Pages : 140 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7274/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AIR-DIVERTING ELEMENT WITH A FLOW-OPTIMIZED CONTOUR FOR AN AIR CONDITIONING SYSTEM

(51) International classification	:B60H1/00
(31) Priority Document No	:10 2011 005 181.3
(32) Priority Date	:07/03/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/053927
Filing Date	:07/03/2012
(87) International Publication No	:WO 2012/120047
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEHR GMBH & CO. KG
Address of Applicant :Mausenstr. 3 70469 Stuttgart Germany

(72)**Name of Inventor :**
1)HEILEMANN J¼rgen
2)MHLEISEN Harald
3)VENEZIA Vincenzo
4)LAUX Holger

(57) Abstract :

The invention relates to an air diverting element with a flow optimized contour for an air conditioning system in particular of a motor vehicle which air diverting element extends approximately perpendicular to an air flow direction. To divert an air flow through approximately 180° and at the same time nevertheless prevent pressure losses and disadvantageous acoustic effects one end of the air diverting element (3) is adjoined by an approximately parabolic elongation (6 7 8) which is situated opposite that side of the air diverting element (3) which faces away from the air flow direction.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7276/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MICROCAPSULES HAVING A PARAFFIN COMPOSITION AS A CAPSULE CORE

(51) International classification	:B01J13/18,F28D20/02	(71)Name of Applicant :
(31) Priority Document No	:11154676.8	1)BASF SE
(32) Priority Date	:16/02/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/052383	1)SCHR-DER GRIMONPONT Tina
Filing Date	:13/02/2012	2)WILLAX Hans
(87) International Publication No	:WO 2012/110443	3)KATZ Britta
(61) Patent of Addition to Application	:NA	4)BRUST Jutta
Number	:NA	5)ALTMANN Stephan
Filing Date	:NA	6)SCHMIDT Marco
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to microcapsules comprising a paraffin composition as a capsule core and a polymer as a capsule wall which comprises 40 to 90 wt % of one or more C C alkylesters of acrylic and/or methacrylic acids (monomers I) 10 to 60 wt % of one or more ethylenically unsaturated cross linking agents (monomers II) wherein at least 80 wt % relative to the ethylenically unsaturated cross linking agents is a cross linking agent having three or more ethylenically unsaturated radicals and 0 to 30 wt % of one or more single ethylenically unsaturated monomers (monomer III) different from monomers I each relative to the total weight of the monomers wherein the paraffin composition comprises 35 to 98 wt % of n octadecane 1 to 10 wt % of at least one C C aliphate and/or diisopropylnaphthalene 1 to 5 wt % of at least one wax having a melting point >40°C and 0 to 50 wt % of n hexadecane each relative to the paraffin composition. The invention further relates to a method for producing same and to the use thereof in binder construction materials textiles and heat carrier fluids.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7278/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR SCREENING FOR COMPOUND CAPABLE OF ENHANCING OR INHIBITING OATP1B1 TRANSPORT ACTIVITY, AND METHOD FOR DETERMINING EXPRESSION LEVEL OF OATP1B1

(51) International classification	:C12Q1/02,C12N15/09	(71) Name of Applicant :
(31) Priority Document No	:2011053270	1)Eisai R&D Management Co. Ltd.
(32) Priority Date	:10/03/2011	Address of Applicant :6 10 Koishikawa 4 chome Bunkyo ku
(33) Name of priority country	:Japan	Tokyo 1128088 Japan
(86) International Application No	:PCT/JP2012/055719	(72) Name of Inventor :
Filing Date	:06/03/2012	1)IZUMI Saki
(87) International Publication No	:WO 2012/121261	2)KOMORI Takafumi
(61) Patent of Addition to Application Number	:NA	3)NOZAKI Yoshitane
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for screening for a compound that is capable of enhancing or inhibiting OATP1B1 transport activity said method using dichlorofluorescein. The present invention also provides use of dichlorofluorescein in determination of the expression level of OATP1B1. The present invention also provides a method for determining the expression level of OATP1B1 in a test cell said method using dichlorofluorescein. The present invention also provides use of a kit which comprises dichlorofluorescein and an OATP1B1 expressing positive cell in determination of the expression level of OATP1B1 in a test cell.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.814/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR RECEIVING PHYSICAL UPLINK CONTROL CHANNEL IN LTE SYSTEM

(51) International classification	:H04L27/26,H04B7/08,H04W 88/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2010/075089
Filing Date	:09/07/2010
(87) International Publication No	:WO 2012/003643
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE WISTRON TELECOM AB

Address of Applicant :19tr Kista Science Tower Farogatan 33
Stockholm Sweden

(72)Name of Inventor :

1)CAO Aijun

2)JOHANSSON Jan

3)SU Xiaoming

4)LI Yujie

(57) Abstract :

The present invention discloses an apparatus for receiving Physical Uplink Control Channel (PUCCH) in Long Term Evolution (LTE) system comprising: a plurality of blocks of system FFT each of the plurality of blocks of system FFT performing system FFT on data from corresponding one of a plurality of antennas;a block of allocated logic resource index table for generating an allocated logic resource index table; a block of local base sequence generator for generating a local base sequence; a plurality of blocks of PUCCH RB processing units each of the plurality of blocks of PUCCH RB processing units receiving the allocated logic resource index table and the local base sequence and an output of corresponding one of the plurality of blocks of system FFT and generating DMRS despread outputs and data values; a block of SR detection for receiving the data values and the DMRS despread outputs and for generating SR detection results; a plurality of blocks of user data extraction each of the plurality of blocks of user data extraction receiving the data values and the DMRS despread outputs and performing user data extraction; and a plurality of blocks of PUCCH user processing units each of the plurality of blocks of PUCCH user processing units receiving an orthogonal sequence index the data values and an output from corresponding one of the plurality of blocks of user data extraction and generating a ACK/NAK/CQI signal for a concerned UE; wherein one block of system FFT one block of PUCCH RB processing unit one block of user data extraction and one block of PUCCH user processing unit correspond to one antenna. A method for receiving Physical Uplink Control Channel (PUCCH) in Long Term Evolution (LTE) system has also been disclosed.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10904/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/12/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : FILLERS FOR DENTAL COMPOSITES

(51) International classification :A61K6/083

(31) Priority Document No :10169498.2

(32) Priority Date :14/07/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/061793

Filing Date :12/07/2011

(87) International Publication No :WO 2012/007440

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUARZWERKE GmbH

Address of Applicant :Kaskadenweg 40 50226 Frechen
Germany

(72)Name of Inventor :

1)KRUBER Dirk

2)DOEGE Thomas

(57) Abstract :

Pulverulent filler for dental materials consisting of particles of feldspar or feldspar derivatives with a mean particle diameter (d50) of 0.25 to 5 µm and a coating with a silicon compound containing reactive groups.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2958/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 12/09/2014

(54) Title of the invention : A NOVEL FORMULATION FOR THE TREATMENT OF ACNE VULGARIS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMACHANDRAN RADHAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :B1/1202, SOUTH CITY AREKERE
(33) Name of priority country	:NA	MICO LAYOUT, BANNERGHATTA ROAD, BANGALORE -
(86) International Application No	:NA	560 076 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMACHANDRAN RADHAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)SHAJI PAULOSE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is about topical alcohol free Isotretinoin in gel and solution form for the effective treatment of acn vulgaris. In our drug product, we have incorporated the appropriate antioxidant combinations and of precise concentration to enhance and promote stability. Our drug product proved to be an effective agent against microbes; i.e. it does not promote the growth of pathogens and other microorganisms that could potentially affect the stability of the drug product. This feature of the product is based on the inherent antimicrobial effect of our solubilizer at an optimal concentration. It promotes absorption through the polar route by increasing both the diffusion and partitioning of the drug. It can overcome barrier properties of stratum corneum and achieve degree of percutaneous absorption required for therapeutic response.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5733/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TIMEPIECE BARREL

(51) International classification	:A47L
(31) Priority Document No	:12197742.5
(32) Priority Date	:18/12/2012
(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 :**
1)ETA SA MANUFACTURE HORLOGERE SUISSE
Address of Applicant :SCHILD-RUST-STRASSE 17, CH-
2540 GRENCHE Switzerland
(72)**Name of Inventor :**
1)KAELIN, LAURENT
2)QUEVAL, ARTHUR
3)VAUTHEROT, MARTIN

(57) Abstract :

Timepiece barrel (1) for pivotal assembly between a bottom plate (9) and a bridge (5) and including at least one spring (7) housed between a pivoting drum (6) and a ratchet (7) and hooked between this drum (6) at the outer end thereof and an arbour (3) at the inner end thereof, this arbour (3) pivoting integrally with this ratchet (2) about a pivot axis (D). This barrel (1) includes a single-piece sub-assembly (10), coaxial with this arbour (3) and grouping together around a hub (4), this arbour (3) and this ratchet (2) in immediate proximity to this bottom plate (9), and which is pivoted on an upper shoulder (13) in a bore (62) of this drum (6) on an end pipe whose outer shoulder (64) pivots in a bore (51) of this bridge (5) or of a jewel (52) comprised in this bridge (5).

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7342/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWDER BASED BALANCING LAYER

(51) International classification:B32B21/02,B27N3/06,B32B21/08

(31) Priority Document No :61/474498

(32) Priority Date :12/04/2011

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/SE2012/050386

Filing Date :11/04/2012

(87) International Publication
No :WO 2012/141647

(61) 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„LINGE INNOVATION AB

Address of Applicant :Prstavgen 513 SE 263 65 Viken
Sweden

(72)Name of Inventor :

1)Hkansson Niclas

2)Persson Hans

3)Jacobsson Jan

(57) Abstract :

A method to produce a building panel comprising a decorative surface layer a core and a balancing and/or protective layer is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7345/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR OPERATING AN ENGINE SUPPLIED WITH A FUEL CONTAINING A CATALYST FOR REGENERATING A PARTICULATE FILTER

(51) International classification :C10L1/12,C10L10/06,F02D19/12

(31) Priority Document No :11/00799

(32) Priority Date :17/03/2011

(33) Name of priority country :France

(86) International Application No :PCT/EP2012/054549

Filing Date :15/03/2012

(87) International Publication No :WO 2012/123540

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RHODIA OPERATIONS

Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France

(72)Name of Inventor :

1)HARLE Virginie

2)LALLEMAND Michael

3)SEGUELONG Thierry

(57) Abstract :

The invention relates to a process for operating an internal combustion engine of a vehicle equipped with an exhaust system comprising a catalysed particulate filter in which the engine is supplied with a fuel containing a catalyst for regenerating the particulate filter. The process is characterized in that the concentration of catalyst in the fuel varies discontinuously.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8316/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NON DESTRUCTIVE TESTING DEVICE

(51) International classification :G01B7/12,B23K31/00,G01B7/00
(31) Priority Document No :2011088520
(32) Priority Date :12/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059366
Filing Date :05/04/2012
(87) International Publication No :WO 2012/141074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan
2)Nippon Kouatsu Electric Co. Ltd.
(72)Name of Inventor :
1)KUBOTA Toshihiko
2)KAWANABE Osamu
3)KIMURA Takashi
4)OKUDA Atsushi

(57) Abstract :

Provided is a non destructive testing device that can efficiently find the center location of a nugget and test a welded region. The device has a processor (20) that applies a magnetic field to a measurement subject (2) generating magnetic flux density and after the magnetic field is discontinued uses an induced electromotive force detector (17) to measure the magnetic fluxes emitted from multiple locations on the measurement subject (2) calculates time constants of transient change of the plurality of magnetic fluxes and detects the internal structure of the measurement subject (2) from the distribution of the time constants. The processor (20) prompts the induced electromotive force detector (17) to make first measurements at predetermined locations on the measurement subject (2) prompts the induced electromotive force detector (17) to make second measurements at locations rotated by a predetermined angle from the predetermined locations on the measurement subject (2) and based on the internal structure detected by the first measurements and the internal structure detected by the second measurements estimates the center location of the nugget and/or the diameter of the nugget which has been formed inside the measurement subject (2).

No. of Pages : 67 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7114/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMBINATION SCALE

(51) International classification	:G01G19/387,G01G11/18	(71) Name of Applicant : 1)YAMATO SCALE CO. LTD. Address of Applicant :5 22 Saenba cho Akashi shi Hyogo 6730849 Japan
(31) Priority Document No	:2011070159	(72) Name of Inventor : 1)KAWANISHI Shozo 2)NAGAO Takeyoshi 3)KAWASHIMA Takaaki
(32) Priority Date	:28/03/2011	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/003119	
Filing Date	:02/06/2011	
(87) International Publication No	:WO 2012/131789	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a combination scale capable of discharging the material being weighed so that the longitudinal direction of the material is uniformly arranged. The combination scale as in one of the embodiments of this invention is provided with the following: an aggregation conveyor apparatus (3) that transports in one direction and discharges the material being measured; a plurality of weighing conveyors (1) disposed in line with the transport direction of the aggregation conveyor apparatus (3) that supply the material being weighed to the aggregation conveyor apparatus (3) by conveying and discharging each respective unit of supplied material; a plurality of weight sensors (2) that measure the weight of the material to be weighed supplied on each weighing conveyor (1); and a control unit (5) that on the basis of the weight value of the weight sensors (2) calculates a single discharged combination comprised of a combination of the weighing conveyors (1) wherein the combined weight of the weighed material is within a target weight and drives the weighing conveyors (1) selected for the discharge combination to transport and discharge the weighed material on the weighing conveyor (1). The combination scale is configured so that the transport speed of the aggregation conveyor apparatus (3) is faster than that of the weighing conveyors (1).

No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7116/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CURRENT SOURCE INVERTER DEVICE AND METHOD FOR CONTROLLING CURRENT SOURCE INVERTER DEVICE

(51) International classification	:H02M7/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/054400
Filing Date	:23/02/2012
(87) International Publication No	:WO 2013/125004
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KYOSAN ELECTRIC MFG. CO. LTD.
Address of Applicant :29 1 Heiancho 2 chome Tsurumi ku
Yokohama shi Kanagawa 2300031 Japan
(72)**Name of Inventor :**
1)YUZURIHARA Itsuo
2)ADACHI Toshiyuki
3)KODAMA Shinichi

(57) Abstract :

To prevent in the control for switching elements of a current source inverter switching loss of the switching elements by means of a normal switching operation for a commutation operation without requiring special control. [Solution] In a commutation operation of a current source inverter device the drive timing of switching elements is controlled in such a way that an overlapping interval in which a commutation source switching element and a commutation destination switching element are both ON is generated a resonance circuit is controlled on the basis of the control for the switching elements having this overlapping interval and switching loss during the commutation operation of the switching elements is reduced by resonance current of the resonance circuit. The control for the switching elements having the overlapping interval is used to control the generation of the resonance current of the resonance circuit the current and voltage of the commutation source switching element become zero during commutation due to the resonance current generated by means of this control and switching loss during the commutation operation is reduced.

No. of Pages : 77 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/10/2013

(21) Application No.8342/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : A SYSTEM FOR MANUFACTURING AN IRRIGATION PIPE AND A DEVICE AND METHOD FOR DETECTING HOLES IN THE WALL OF AN IRRIGATION PIPE

(51) International classification :G01M3/08,B29C47/88,B29C47/90
(31) Priority Document No :900/2011
(32) Priority Date :26/05/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2012/059655
Filing Date :24/05/2012
(87) International Publication No :WO 2012/160121 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)MAILLEFER SA
Address of Applicant :Av. du Tir Fdral 44 CH 1024 Ecublens
Switzerland
(72)Name of Inventor :
1)WISLER Alain
2)ZARAMELLA Jean Charles

(57) Abstract :

A system for manufacturing an irrigation pipe (100) comprising an extrusion unit (300) a calibrator unit (400) a cooling unit (600) for cooling the irrigation pipe (100) in a cooling liquid (30) a traction unit (500) for drawing the irrigation pipe (100) in the cooling unit (600) the cooling unit comprising a device for detecting holes (102) in the wall of the irrigation pipe (100) and arranged for being immersed in the cooling liquid (30) this device for detecting holes comprising at least one optical transmitter (1) and at least one optical receiver (2) which define an optical barrier (10) this device being arranged so that the holes (102) in the irrigation pipe (100) located below this device produce gas bubbles (20) which modify this optical barrier (10).

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7509/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOWNHOLE TOOL

(51) International classification	:E21B47/01
(31) Priority Document No	:11164293.0
(32) Priority Date	:29/04/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/057803
Filing Date	:27/04/2012
(87) International Publication No	:WO 2012/146733
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WELLTEC A/S

Address of Applicant :Gydevang 25 DK 3450 Allerød
Denmark

(72)Name of Inventor :

1)HALLUNDBØK Jørgen

(57) Abstract :

The present invention relates to a downhole tool comprising a tool housing an electronics assembly comprising an electronic module located within the housing wherein the electronics assembly further comprises a plurality of transistor elements being electrically connected with the electronic module and being arranged on a thermal member which is thermally connected with the housing wherein the electronic module is thermally insulated from the thermal member. Furthermore the invention relates to a downhole system comprising a wireline a tool string and a downhole tool according to the invention.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7862/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A SET OF DENTAL COMPONENTS

(51) International classification :A61C8/00
(31) Priority Document No :11163215.4
(32) Priority Date :20/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057216
Filing Date :19/04/2012
(87) International Publication No :WO 2012/143475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DENTSPLY IH AB

Address of Applicant :Aminogatan 1 SE 431 21 Mlndal
Sweden

(72)Name of Inventor :

1)DAHLSTR-M Mattias

2)HALLDIN Anders

(57) Abstract :

According to an aspect of the invention in a set of male dental components such as abutment screws each male dental component has a threaded portion with different core diameter. Each male dental component is to be connected to a mating female dental component such as an abutment. The smaller core diameter a threaded portion has the higher friction is provided when the male dental component is finally tightened to its mating female dental component even though the same insertion torque is applied to all male dental components.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7864/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMPROVED CATALYST FOR THERMOCATALYTIC CONVERSION OF BIOMASS TO LIQUID FUELS AND CHEMICALS

(51) International classification	:B01J29/40
(31) Priority Document No	:61/475129
(32) Priority Date	:13/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/033629
Filing Date	:13/04/2012
(87) International Publication No	:WO 2012/142490
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KIOR INC.

Address of Applicant :13001 Bay Park Road Pasadena Texas
77505 U.S.A.

(72)Name of Inventor :

1)ADKINS Bruce

2)STAMIREs Dennis

3)BARTEK Robert

4)BRADY Michael

5)HACKSKAYLO John

(57) Abstract :

Catalyst compositions comprising a phosphorous promoted ZSM 5 component and a silica containing binder and methods for making and using same are disclosed. More specifically processes for making a catalyst for biomass conversion are provided. The process includes: treating a ZSM 5 zeolite with a phosphorous containing compound to form a phosphorous promoted ZSM 5 component; preparing a slurry comprising the phosphorous promoted ZSM 5 component and a silica containing binder; and shaping the slurry into shaped bodies. Such catalysts can be used for the thermocatalytic conversion of particulate biomass to liquid products such as bio oil resulting in higher bio oil yields and lower coke than conventional catalysts.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7868/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MACROCYCLIC COMPOUND AND METHODS FOR ITS PRODUCTION

(51) International classification :C07K5/06,C07D231/54,A61P31/12

(31) Priority Document No :1105293.3

(32) Priority Date :29/03/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/050700

Filing Date :29/03/2012

(87) International Publication No :WO 2012/131371

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NEUROVIVE PHARMACEUTICAL AB

Address of Applicant :Medicon Village Scheelevgen 2 223 81
Lund Sweden

(72)Name of Inventor :

1)MOSS Steven James

2)GREGORY Matthew Alan

3)WILKINSON Barrie

(57) Abstract :

There is provided inter alia a compound of formula (I) for use in treatment of viral infection or as an immunosuppressant.

No. of Pages : 69 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8382/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PAINT SPRAYING APPARATUS

(51) International classification	:B05B7/02,B05B1/30	(71)Name of Applicant :
(31) Priority Document No	:10 2011 100 806.7	1)J. WAGNER GMBH
(32) Priority Date	:06/05/2011	Address of Applicant :Otto Lilienthal Str. 18 88677 Markdorf
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/001914	(72)Name of Inventor :
Filing Date	:04/05/2012	1)KRAYER Elmar
(87) International Publication No	:WO 2012/152414	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a paint spraying apparatus (1) for producing a shaped paint jet comprising a paint nozzle (21) positioned in an annular gap (23) wherein the pain nozzle comprises a needle (7) with a needle head (16) and a paint outlet opening (17) wherein the needle head is displaceable in relation to the paint outlet opening on a longitudinal axis of the needle in order to control a needle valve formed from the paint outlet opening and the needle head and wherein in a closed position of the paint nozzle (21) the needle head (16) is placed in a form fitting manner with respect to the longitudinal axis in the paint outlet opening (17) wherein the paint outlet opening is rotatable together with the needle head about the longitudinal axis in order to rotate the shaped paint jet in the orientation thereof with respect to the longitudinal axis.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7510/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOWNHOLE CLEANING SYSTEM

(51) International classification :E21B37/00,E21B41/00,E21B23/03
(31) Priority Document No :11164021.5
(32) Priority Date :28/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057789
Filing Date :27/04/2012
(87) International Publication No :WO 2012/146725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)WELLTEC A/S
Address of Applicant :Gydevang 25 DK 3450 Allerød
Denmark
(72)Name of Inventor :
1)HALLUNDBØK Jørgen
2)HALVORSEN Helge

(57) Abstract :

The present invention relates to a downhole cleaning system for cleaning an element inside a casing in a wellbore comprising well fluid having a wellbore pressure comprising the casing a cleaning tool having a longitudinal direction and comprising a rotatable nozzle head having a plurality of nozzles a tool housing having an inlet being in fluid communication with the nozzles for jetting well fluid into the tool a flow hindering element arranged on an outside of the housing dividing the tool in a first and a second tool part and dividing the casing in a first and a second casing part and a rotatable shaft connecting the nozzle head with the housing wherein the system further comprises a pumping device for pressurising the well fluid in the first part of the casing to a pressure substantially above the wellbore pressure and above a pressure in the second part of the casing so that well fluid is pumped in through the inlet and out through the nozzles. Furthermore the invention relates to a wireline cleaning tool and to a cleaning method.

No. of Pages : 22 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7870/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FIXTURE

(51) International classification	:A61C8/00
(31) Priority Document No	:11162478.9
(32) Priority Date	:14/04/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/056721
Filing Date	:12/04/2012
(87) International Publication No	:WO 2012/140164
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DENTSPLY IH AB

Address of Applicant :Aminogatan 1 SE 431 21 Mlndal
Sweden

(72)Name of Inventor :

1)HALLDIN Anders

2)HANSSON Stig

3)HOLMSTR-M Johan

(57) Abstract :

The present invention relates to a fixture such as a dental fixture for insertion into a bore hole arranged in bone tissue comprising a threaded leading portion and a threaded trailing portion located coronal ly of the leading portion. By a widened threading at the trailing portion the bone tissue is subjected to a static strain beyond the yield strain of the bone tissue.

No. of Pages : 54 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7871/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CENTRIFUGAL CHILLER

(51) International classification :F25B1/053

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2011/001906

Filing Date :30/03/2011

(87) International Publication No :WO 2012/131770

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant :1 1 Higashikawasaki cho 3 chome Chuo
ku Kobe shi Hyogo 6508670 Japan

(72)Name of Inventor :

1)SAKAI Naoto

2)SAKAMOTO Hayato

3)YAMAUCHI Masafumi

(57) Abstract :

In a turbo refrigerator in which: a gas-phase refrigerant (R1) from an evaporator (1) is compressed by a turbo compressor (2) and then condensed by a condenser (4); the obtained liquid-phase refrigerant (R3) is evaporated by the evaporator (1); and a cooling target (W1) is cooled down by evaporation heat of the liquid-phase refrigerant (R3), the compressor (2) is a back-to-back two-stage centrifugal type, and the condenser (4) is provided at a position outside a compressor rear stage (2R) so as to overlap the compressor rear stage (2R) when viewed from each of an axial direction (S) and a radial direction (R). With this, the pressure loss of a vapor refrigerant (R2) is eliminated, and the deterioration in efficiency can be suppressed. In addition, size reduction can be realized by space saving. Further, an evaporated refrigerant can be smoothly introduced to the condenser (4) with a simple configuration.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8394/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POS SYSTEM BAR CODE SCANNER AND METHOD FOR CONTROLLING POS SYSTEM

(51) International classification	:G07G1/00,G06K7/10	(71)Name of Applicant :
(31) Priority Document No	:2011119184	1)NEC Infrontia Corporation
(32) Priority Date	:27/05/2011	Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki
(33) Name of priority country	:Japan	shi Kanagawa 2138511 Japan
(86) International Application No	:PCT/JP2011/071177	(72)Name of Inventor :
Filing Date	:12/09/2011	1)SATO Hidetoshi
(87) International Publication No	:WO 2012/164766	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A POS system is provided with a scanner unit comprising: a storage unit for storing a product code specifying a product and in association therewith a radiation quantity or radioactivity threshold value set for every product code; a product code reading unit for reading the product codes assigned to the products; a radioactivity measurement unit for measuring the radiation quantity emitted from the product or the radioactivity determined on the basis of the radiation quantity; a comparison unit for comparing the threshold value of the radiation quantity or radioactivity corresponding to the product code read by the product code reading unit and the value measured by the radioactivity measurement unit; and an alert output unit for outputting an alert when the measured value is greater than the threshold value.

No. of Pages : 40 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7412/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER SUPPLY CONTROLLER

(51) International classification	:H02M3/156
(31) Priority Document No	:13/078798
(32) Priority Date	:01/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/031715
Filing Date	:30/03/2012
(87) International Publication No	:WO 2012/135778
(61) 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)GRBO Zeljko
2)PRODIC Aleksandar
3)CAROBOLANTE Francesco

(57) Abstract :

Exemplary embodiments are directed to a power controller. A method may include comparing a summation voltage comprising a sum of an amplified error voltage and a reference voltage with an estimated voltage to generate a comparator output signal. The method may also include generating a gate drive signal from the comparator output signal and filtering a signal coupled to a power stage to generate the estimated voltage.

No. of Pages : 60 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7416/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR FAILOVER RECOVERY AT GEO REDUNDANT GATEWAYS

(51) International classification :H04W36/00
(31) Priority Document No :61/454328
(32) Priority Date :18/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029583
Filing Date :18/03/2012
(87) International Publication No :WO 2012/129137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)**Name of Inventor :**
1)KOMPELLA Vachaspati P.
2)SINHA Satyam
3)MULEY Praveen Vasant
4)NELAKONDA Sathyender

(57) Abstract :

A method system and apparatus for reversion of UE sessions from a backup SGW or protect node to an operationally restored primary SGW or working node.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7417/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ISOPENTYL ESTERS FOR THE USE IN COSMETIC DERMATOLOGICAL OR PHARMACEUTICAL COMPOSITIONS

(51) International classification :A61K8/37,A61Q1/02,A61Q15/00

(31) Priority Document No :10 2011 006 362.5

(32) Priority Date :29/03/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/055362

Filing Date :27/03/2012

(87) International Publication No :WO 2012/130820

(61) Patent of Addition to :NA

Application Number :NA

Filing Date

(62) Divisional to Application :NA

Number :NA

Filing Date

(71)Name of Applicant :

1)EVONIK DEGUSSA GMBH

Address of Applicant :Rellinghauser Strasse 1 11 45128 Essen
Germany

(72)Name of Inventor :

1)THUM Oliver

2)ECKSTEIN Marrit Friederike

3)SPRINGER Oliver

4)WIECHERS Susann

5)MEYER Juergen

(57) Abstract :

The invention relates to the esters of a mixture of 2 methyl 1 butanol and 3 methyl 1 butanol and to the use thereof for producing formulations.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8295/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DETERMINING INTERSTITIAL OXYGEN CONCENTRATION

(51) International classification :G01N25/00,G01N27/04,H01L21/66

(31) Priority Document No :1101190

(32) Priority Date :15/04/2011

(33) Name of priority country :France

(86) International Application No :PCT/FR2012/000144

Filing Date :13/04/2012

(87) International Publication No :WO 2012/140340

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc Btiment le Ponant D F 75015 Paris France

(72)Name of Inventor :

1)VEIRMAN Jordi

2)DUBOIS Sbastien

3)ENJALBERT Nicolas

(57) Abstract :

The invention relates to a method for determining the interstitial oxygen concentration of a sample made of a p doped semiconductor material which includes a step of thermal treatment (F1) of the sample in order to form thermal donors determining (F1) the thermal treatment time (t) required to obtain a compensated semiconductor material determining (F2) the concentration of thermal donors (N) in the sample made of compensated semiconductor material from the concentration of charge carriers (p) and determining (F3) the oxygen concentration (C) from the concentration of thermal donors (N) and the thermal treatment time (t).

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2013

(21) Application No.8297/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : HSP90 INHIBITORS

(51) International classification :C07D473/34,C07D473/40
(31) Priority Document No :61/472061
(32) Priority Date :05/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032371
Filing Date :05/04/2012
(87) International Publication No :WO 2012/138894
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH

Address of Applicant :1275 York Avenue New York New York 10065 U.S.A.

(72)Name of Inventor :

1)SUN Weilin

2)TALDONE Tony

3)PATEL Pallav

4)CHIOSIS Gabriela

(57) Abstract :

The disclosure relates to Compounds of Formulae (IA) and (IB) and pharmaceutically acceptable salts thereof wherein Z Z Z Xa Xb Xc Xd Y X and X are as defined herein compositions comprising an effective amount of a Compound of Formula (IA) and/or (IB) and methods to treat or prevent a condition such cancer which overexpresses Her kinases comprising administering to an patient in need thereof a therapeutically effective amount of a Compound of Formula (IA) or (IB). The disclosure further relates to compounds of Formulae (IA) and (IB) in which X is a leaving for introducing a radiolabeled atom such as I or I and to methods of using such compounds in the preparation of radiolabeled compounds particularly for use in imaging.

No. of Pages : 219 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8454/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FOAM FORMING ASSEMBLY AND SQUEEZE FOAMER

(51) International classification :B05B7/00,B05B11/04,A47K5/14
(31) Priority Document No :2006543
(32) Priority Date :05/04/2011
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2012/050226
Filing Date :04/04/2012
(87) International Publication No :WO 2012/138220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)REXAM AIRSPRAY N.V.

Address of Applicant :9 Ivoorstraat NL 1812 RE Alkmaar
Netherlands

(72)Name of Inventor :

1)TEPAS Marcus Cornelis Jacobus

2)RAMDHIANSING Shivan

3)HAISMA Arjen

4)DEIMAN Kim

5)ALBERTZ Peter Jozef Jan

(57) Abstract :

The invention provides a foam forming assembly comprising: a housing having an air passage and a liquid passage each ending in a mouth and being in communication with a dispensing passage having a dispensing opening and a valve body which in a rest position covers the mouth of the liquid passage and the mouth of the air passage in a sealing manner in order to prevent a flow from the liquid passage and the air passage to the dispensing passage and which during dispensing opens the mouth of the liquid passage and the mouth of the air passage in order to allow mixing of air and liquid to take place in the dispensing passage wherein the mouth of the air passage is substantially annular and wherein the air passage comprises a pressure balance chamber to divide the air pressure substantially equally over the substantially annular mouth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7419/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRESSURIZED STEAM PROCESSING DEVICE FOR THREAD AND PRODUCTION METHOD FOR CARBON FIBER PRECURSOR THREAD

(51) International classification :D06B23/16,D01F9/32,D02J1/22
(31) Priority Document No :2011052025
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053008
Filing Date :09/02/2012
(87) International Publication No:WO 2012/120962
(61) 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 RAYON CO. LTD.
Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku
Tokyo 1008253 Japan
(72)**Name of Inventor :**
1)MIZUTORI Yukihiro
2)KAWAMURA Atsushi
3)INADA Hiromasa

(57) Abstract :

Provided are: a pressurized steam processing device for thread suitable for production of a highly productive carbonized precursor thread said device reducing the impact of leakage of pressurized steam outside the device minimizing the pressurized steam supply amount and at the same time reducing thread breakage and increasing yield; and a production method for a carbon fiber precursor thread. The pressurized steam processing device (1) comprises a labyrinth seal section (3) to the front and rear of a pressurized steam processing section (2) and processes as a group and in a pressurized steam atmosphere a plurality of threads running in parallel in a sheet shape along a thread travel path (5). The thread travel path (5) in the labyrinth seal section (3) is divided parallel to the thread ideally into a plurality by partition boards (3e).

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7420/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TURBINE ROTOR AND METHOD FOR PRODUCING TURBINE ROTOR

(51) International classification	:F01D25/00,F01D5/06	(71)Name of Applicant :
(31) Priority Document No	:2011064657	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:23/03/2011	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2012/057303	(72)Name of Inventor :
Filing Date	:22/03/2012	1)KAWASAKI Kenji
(87) International Publication No	:WO 2012/128310	2)YAMAMOTO Ryuichi
(61) Patent of Addition to Application	:NA	3)NAKAMURA Ikuo
Number	:NA	4)NISHIMOTO Shin
Filing Date	:NA	5)KAWAGUCHI Seiichi
(62) Divisional to Application Number	:NA	6)SHIGE Takashi
Filing Date	:NA	

(57) Abstract :

This turbine rotor (10) is provided with a first member and a second member joined to the first member and the first and second members extend in the axial direction of the turbine rotor. A groove (16) for welding is formed at the interface between the first and second members and a gas introduction hole (18) that penetrates the bottom of the groove (16) and is for introducing a gas into the turbine rotor (10) is sealed by welding.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8461/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR INITIATING MBMS SERVICE RECEPTION STATUS REPORT

(51) International classification :H04W4/06
(31) Priority Document No :201110114742.3
(32) Priority Date :02/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/000932
Filing Date :25/04/2012
(87) International Publication No :WO 2012/150498
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)**Name of Inventor :**
1)WANG He
2)WORRALL Chandrika

(57) Abstract :

A method and an apparatus for initiating a Multimedia Broadcast/Multicast Service (MBMS) service reception status report are disclosed in the present invention. The method includes: a User Equipment (UE) automatically obtaining its MBMS service reception status information wherein the MBMS service reception status information at least includes a service identification of an MBMS service being received by the UE; sending the MBMS service reception status information of the UE which can be used by the base station to make a decision for the UE handover to a base station. According to the invention an initiating mechanism for initiating an MBMS service reception status report by the UE autonomously is provided therefore providing the MBMS service reception status information for a network to make a decision for the UE handover while keeping a good continuity of the MBMS service possibly. Moreover a method an apparatus a UE and a base station for performing the UE handover decision are also disclosed in the embodiments of the present invention.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8462/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LARGE FORMAT SCANNING SYSTEM

(51) International classification :H04N1/04,H04N1/19,H04N1/193

(31) Priority Document No :10 2011 018 381.7

(32) Priority Date :21/04/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/001670

Filing Date :18/04/2012

(87) International Publication No :WO 2012/143124

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ROTH + WEBER GMBH

Address of Applicant :57520 Niederdreisbach Germany

(72)Name of Inventor :

1)ROTH Johannes

2)ERMERT Gerd

(57) Abstract :

The invention relates to a large format scanning system (1) comprising at least two image acquisition elements (2) in a cascade arrangement at least one platen preferably a glass plate (3) arranged upstream thereof and at least two reflector rolls (5) arranged opposite the at least two image acquisition elements (2) in a cascade arrangement said reflector rolls being pressed against the glass plate (3) and/or a copy (4) to be scanned by means of resilient elements (6) that are arranged at the sides of the reflector rolls (5). According to the invention the side portions (7) of the reflector rolls (5) are designed such that they touch the glass plate (3) only outside the reading area of the image acquisition elements (2) for the copy to be scanned (4) and that the copy to be scanned (4) rests on the glass plate (3) in the center area (8) of the reflector rolls (5).

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8463/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COATING MATERIAL FOR FRIED FOOD

(51) International classification :A23L1/176
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/060201
Filing Date :20/04/2011
(87) International Publication No :WO 2012/144083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STARCH CHEMICAL CO. LTD.
Address of Applicant :3 29 Mitsuyakita 3 chome Yodogawa
ku Osaka shi Osaka 5320032 Japan

(72)**Name of Inventor :**
1)TSUCHIYA Yusuke
2)IESATO Hisayuki
3)NAKAJIMA Toru
4)UCHIDA Norikazu

(57) Abstract :

The present invention provides a coating material for fried or deep fried foods maintaining crisp feel and soft feel of freshly fried or deep fried foods even a long time after frying or deep frying or after freezing thawing as well as a premix comprising the coating material and such fried or deep fried foods more specifically a coating material comprising an oil/fat processed starch having a swelling degree of 2.5 8.5 ml which has been derived from a swelling inhibited legume starch is used for cooking fried or deep fried foods.

No. of Pages : 72 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8465/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EXPLOSION PROOF LED MODULE

(51) International classification	:F21V25/12
(31) Priority Document No	:10 2011 017 162.2
(32) Priority Date	:15/04/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/001496
Filing Date	:04/04/2012
(87) International Publication No	:WO 2012/139728
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COOPER CROUSE HINDS GMBH
Address of Applicant :Senator Schwartz Ring 26 59494 Soest
Germany

(72)**Name of Inventor :**
1)BURMEISTER Jens
2)SCHWARZ Bernd
3)SCHWARZ Gerhard
4)KETTERER Michael

(57) Abstract :

The invention relates to an explosion proof LED module (1) that has at least one light emitting diode (2) a heat sink (3) connected to said diode and an LED cover (5) that covers the LED at least in the emission direction. The LED cover (5) extends into an insertion recess (6) of the heat sink (3). In this insertion recess the LED cover is surrounded by a casting compound (7) sealing the LED relative to an external and potentially explosive atmosphere. Thus an explosion proof LED module can be provided which can be produced relatively simply and cost effectively from prefabricated parts in a short time. At the same time the explosion proof LED module is further characterised in that sufficient cooling is provided according to the ignition protection class intrinsically safe and embedding of the component is provided according to the ignition protection class cast encapsulation.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8466/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MODIFIED ACID ALPHA GLUCOSIDASE WITH ACCELERATED PROCESSING

(51) International classification :C12N9/24,A61K38/47
(31) Priority Document No :61/478336
(32) Priority Date :22/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034479
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145644
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENZYME CORPORATION
Address of Applicant :500 Kendall Street Cambridge MA
02142 U.S.A.
(72)**Name of Inventor :**
1)CANFIELD William M.
2)MORELAND Rodney J.
3)KUDO Mariko

(57) Abstract :

A modified human acid alpha glucosidase polypeptide having increased hydrophobicity at or near the N terminal 70 kDa processing site is provided as well as methods of making and using the modified human acid alpha glucosidase to treat glycogen storage disorders.

No. of Pages : 41 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8467/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTICOLOURED FUSED DEPOSITION MODELLING PRINT

(51) International classification :B29C67/00,B01F5/00
(31) Priority Document No :102011075540.3
(32) Priority Date :10/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/056009
Filing Date :03/04/2012
(87) International Publication No :WO 2012/152510
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)EVONIK R-HM GMBH

Address of Applicant :Kirschenallee 64293 Darmstadt
Germany

(72)Name of Inventor :

1)PRID-HL Markus

2)SCHMITT G¼nter

3)POPPE Dirk

4)KOHLSTRUK Stephan

5)HAMMANN Benjamin

6)CREMER Sonja

7)BEKS Kris

8)DEWAELEHEYS Ludo

(57) Abstract :

A fused deposition modelling method for producing multicoloured three dimensional objects in particular a 3D printing method with which 3D objects can be produced with a particularly good colour image in comparison with the prior art. The method is based on the concept that the polymer strand (2) or the resultant melt that is used for producing the actual object is superficially coloured or coated with additives in the nozzle (1).

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

(54) Title of the invention : CATALYSTS FOR THE REDUCTION OF AMMONIA EMISSION FROM RICH BURN EXHAUST

(51) International classification	:B01D53/94,B01J29/072,B01J29/076	(71)Name of Applicant :	
(31) Priority Document No	:13/083154	1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY	
(32) Priority Date	:08/04/2011	Address of Applicant :5th Floor 25 Farringdon Street London	
(33) Name of priority country	:U.S.A.	EC4A 4AB U.K.	
(86) International Application No	:PCT/US2012/022191	(72)Name of Inventor :	
Filing Date	:23/01/2012	1)FEDEYKO Joseph M.	
(87) International Publication No	:WO 2012/138405	2)CHEN Hai ying	
(61) Patent of Addition to Application Number	:NA	3)REINING Arthur J.	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A system for reducing ammonia (NH) emissions includes (a) a first component comprising a first substrate containing a three way catalyst wherein the first component is disposed upstream of a second component comprising a second substrate containing an ammonia oxidation catalyst wherein said ammonia oxidation catalyst comprises a small pore molecular sieve supporting at least one transition metal; and (b) an oxygen containing gas input disposed between the components. For example a CHA Framework Type small pore molecular sieve may be used. A method for reducing NH emission includes introducing an oxygen containing gas into a gas stream to produce an oxygenated gas stream; and exposing the oxygenated gas stream to an NH oxidation catalyst to selectively oxidize at least a portion of the NH to N. The method may further include the step of exposing a rich burn exhaust gas to a three way catalyst to produce the gas stream comprising NH.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7319/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DODECAFLUOROPENTANE EMULSION AS A STROKE AND ISCHEMIA THERAPY

(51) International classification :A61K9/107
(31) Priority Document No :61/449448
(32) Priority Date :04/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027307
Filing Date :01/03/2012
(87) International Publication No :WO 2012/121977
(61) 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 BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS
Address of Applicant :2404 North University Avenue Little Rock AR 72207 U.S.A.
(72)**Name of Inventor :**
1)CULP William
2)SKINNER Robert
3)UNGER Evan

(57) Abstract :

The present invention provides methods and combinations for reducing the infarct volume in a tissue of a subject undergoing ischemia or at risk of developing ischemia.

No. of Pages : 76 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7475/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BALLOON-EQUIPPED ENDOSCOPIC DEVICES AND METHODS THEREOF

(51) International classification :A61F2/958

(31) Priority Document No :61/457351

(32) Priority Date :07/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2012/000003

Filing Date :05/01/2012

(87) International Publication No :WO 2012/120492

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SMART MEDICAL SYSTEMS LTD

Address of Applicant :10 Hayetsira street 43663 Raanana
Israel

(72)Name of Inventor :

1)TERLIUC Gad

2)LURIA Gilad

(57) Abstract :

An endoscopy system including a balloon equipped endoscope including a balloon which is configured for slidable frictional engagement with an interior wall of a body passageway and axial stretching of the interior wall when inflated to a slidable frictional engagement pressure and displaced axially along the body passageway and a balloon inflation subsystem operative to selectably inflate the balloon to the slidable frictional engagement pressure.

No. of Pages : 96 No. of Claims : 153

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7476/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLARIZED ELECTRODE FOR FLOW THROUGH CAPACITIVE DEIONIZATION

(51) International classification	:H01G9/00
(31) Priority Document No	:61/466854
(32) Priority Date	:23/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/030439
Filing Date	:23/03/2012
(87) International Publication No	:WO 2012/129532
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MESPILUS INC.

Address of Applicant :One Parkton Avenue Worcester MA
01605 U.S.A.

(72)Name of Inventor :

1)ANDELMAN Marc D.

(57) Abstract :

The polarized electrode flow through capacitor comprises at least one each electrode material with a pore volume that includes meso and micropores with contained anionic or cationic groups. The polarized electrodes are in opposite polarity facing pairs separated by a flow path or flow spacer. Both polarities of the particular attached ionic groups used are ionized at the working pH or composition of the particular feed solution supplied to inlet of the flow through capacitor. The contained groups cause the electrodes to be polarized so that they are selective to anions or cations. The polarized electrode flow through capacitor has better performance compared to identical flow through capacitors made from non derivitized carbon. The capacitor electrode materials so derivitized provide this polarization function directly without need for a separate charge barrier material.

No. of Pages : 85 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8470/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRESSURE SENSITIVE ADHESIVES WITH MIXED PHOTOCROSSLINKING SYSTEM

(51) International classification :C08F2/48,C09J7/02,C09J133/04

(31) Priority Document No :61/478969

(32) Priority Date :26/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/030639

Filing Date :27/03/2012

(87) International Publication No:WO 2012/148608

(61) 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

Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor :

1)KREPSKI Larry R.

2)GADDAM Babu N.

3)ALOSHYNA EP LESUFFLEUR Marie

4)WEIKEL Arlin L.

5)SHAFER Kathleen S.

(57) Abstract :

The present disclosure provides a method of providing an adhesive composition comprising the steps of combining crosslinkable composition including: a) a (meth)acryloyl monomer mixture with the b) photocrosslinking agent mixture and irradiating with UVC radiation to polymerize and crosslink the composition.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8477/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR EXTRACTING SOLID MATERIAL ON THE BED OF A BODY OF WATER AND ASSOCIATED METHOD

(51) International classification :E02F7/00,E02F5/28,E02F7/10
(31) Priority Document No :1153590
(32) Priority Date :27/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/057800
Filing Date :27/04/2012
(87) International Publication No :WO 2012/146730
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TECHNIP FRANCE
Address of Applicant :6 8 alle de lArche Faubourg de lArche
ZAC Danton F 92400 Courbevoie France
(72)Name of Inventor :
1)ESPINASSE Philippe Francois
2)PARENTEAU Thomas

(57) Abstract :

The invention relates to a device comprising: an assembly (22) for collecting material on the bed (12) of a body of water (14) a riser (48) for lifting the solid material and a pump (90) for lifting the solid material collected by the collection assembly (22) in the riser (48) toward the surface facility (26). The device also comprises a separator (42) for generating a stream having a high content of solid material and a stream having a low content of solid material said separator (42) including a lower outlet (76) for discharging the stream rich in solid material. The device comprises an upstream hose (40) connecting the collection assembly (22) to the separator (42) and an intermediate pipe (44) connecting said or each discharge outlet (76) to the riser (48) the delivery outlet (100) of the pump being tapped into the intermediate pipe (44).

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8478/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR MONITORING DEMAGNETIZATION

(51) International classification :G01H1/00
(31) Priority Document No :11164289.8
(32) Priority Date :29/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057555
Filing Date :25/04/2012
(87) International Publication No :WO 2012/146613
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44 CH 8050 Z¹/₄rich
Switzerland
(72)**Name of Inventor :**
1)RODRIGUES Pedro

(57) Abstract :

A method for discovering demagnetisation faults of a permanent magnet synchronous generator such as a wind power generator. The method is performed during operation of the synchronous generator and includes measuring the vibration of the stator (11) performing a frequency analysis of the vibration (12) and deducing whether the generator suffers from demagnetization of a permanent magnet (13) from the vibration analysis. Moreover geometric eccentricity faults and electric short circuit faults may also be detected from the vibration (12).

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7143/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

(51) International classification :H01L29/861,H01L29/06,H01L29/12
(31) Priority Document No :2011082386
(32) Priority Date :04/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058375
Filing Date :29/03/2012
(87) International Publication No :WO 2012/137659
(61) 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)HAMADA Kenji
2)KAWAKAMI Tsuyoshi

(57) Abstract :

The purpose of the present invention is to provide a high voltage resistance semiconductor device for which stable voltage resistance can be obtained and a method for manufacturing the same. Second conductivity type JTE regions (15) are formed in a part in the proximity of the surface on one side in the direction of thickness of a first conductivity type SiC epitaxial layer (12) and in a part more toward a peripheral end side of a SiC substrate (11) than a second conductivity type SiC region (13). First conductivity type SiC regions (16) with a higher concentration of first conductivity type impurities than the SiC epitaxial layer (12) are at least formed in a part in the proximity of the surface on one side in the direction of thickness of a part where JTE regions (15) join each other.

No. of Pages : 62 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7147/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PYRAZOLIDIN-3-ONE DERIVATIVES

(51) International classification :C07D401/04,C07D403/04,C07D487/04
(31) Priority Document No :11163708.8
(32) Priority Date :26/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057336
Filing Date :23/04/2012
(87) International Publication No :WO 2012/146552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)F. HOFFMANN LA ROCHE AG
Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland
(72)Name of Inventor :
1)JAESCHKE Georg
2)JOLIDON Synese
3)LINDEMANN Lothar
4)RICCI Antonio
5)RUEHER Daniel
6)STADLER Heinz
7)VIEIRA Eric

(57) Abstract :

The present invention relates to ethynyl derivatives of formula I wherein X is N or CH; G is N or CH; with the proviso that maximum one of X or G can be nitrogen; R is phenyl or pyridyl which are optionally substituted by halogen lower alkyl or lower alkoxy; R is hydrogen lower alkyl or may form together with R a C C cycloalkyl; R/R/R/R are independently from each other hydrogen lower alkyl or CF₃; or to a pharmaceutically acceptable acid addition salt to a racemic mixture or to its corresponding enantiomer and/or optical isomer and/or stereoisomer thereof. It has now surprisingly been found that the compounds of general formula I are positive allosteric modulators (PAM) of the metabotropic glutamate receptor subtype 5 (mGluR5).

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7304/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FOUR SIDED REVERSIBLE BEDDING ELEMENT

(51) International classification :A47C27/15,A47C27/14
(31) Priority Document No :11/00758
(32) Priority Date :14/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/054470
Filing Date :14/03/2012
(87) International Publication No :WO 2012/123499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SPORTIS Fabienne
Address of Applicant :8 rue des Frigos F 75013 Paris France
2)REQUET Fabrice
3)LAURENT Olivier
(72)Name of Inventor :
1)SPORTIS Fabienne
2)REQUET Fabrice
3)LAURENT Olivier

(57) Abstract :

The invention relates to a bedding element comprising a first main large surface opposite a second main large surface the bedding element being subdivided in the direction of the length thereof into portions which define: at the first main large surface a first consecutive receiving areas (A1...A7) a first series of which (A1...A7) of which defines a first rest area of the bedding element and a second series (A7...A1) of which is the reverse of the first one and defines a second rest area of the bedding element; at the second main large surface second consecutive receiving areas (B1...B7) a first series (B1...B7) of which defines a third rest area of the bedding element and a second series (B7...B1) of which is the reverse of the first one and defines a fourth rest area of the bedding element wherein the portions of the bedding element that define said receiving areas comprise according to the invention mechanical properties that are differentiated such that the four thus defined rest areas have four separate receiving profiles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8535/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISC RECLINER WITH INTERNAL LEAF SPRINGS

(51) International classification :A47C1/026,B60N2/20,B60N2/225
(31) Priority Document No :61/498751
(32) Priority Date :20/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000595
Filing Date :15/06/2012
(87) International Publication No :WO 2012/174644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAGNA SEATING INC.
Address of Applicant :337 Magna Drive Aurora Ontario L4G 7K1 Canada
(72)**Name of Inventor :**
1)WEI Xiao Jun
2)TAME Omar D.

(57) Abstract :

A disc recliner for a seat assembly includes a guide plate and a tooth plate rotatably coupled to the guide plate. A rotatable shaft moves a pawl between a first position engaging the tooth plate to prevent pivotal movement of the seat back and a second position disengaged with the tooth plate to allow pivotal movement of the seat back. A leaf spring extends between a first end secured to the guide plate and a second end having a convex curve portion engaging a lobe on the shaft. The spring biases the shaft in a first direction to maintain the pawl in the first position. Rotation of the shaft in a second direction moves the pawl from the first position to the second position as the lobe pushes against and rides along the convex curve portion of the spring thereby controlling an actuation effort of the disc recliner.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7189/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OPTICAL FIBER CUTTER

(51) International classification	:G02B6/00
(31) Priority Document No	:2011059593
(32) Priority Date	:17/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/056758
Filing Date	:15/03/2012
(87) International Publication No	:WO 2012/124778
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEI Optifrontier Co. Ltd.
Address of Applicant :1 Taya cho Sakae ku Yokohama shi
Kanagawa 2448589 Japan
(72)**Name of Inventor :**
1)HASEGAWA Masahiro
2)TOYOOKA Hiroyasu
3)NAKAMURA Hiroshi

(57) Abstract :

A slider (12) is mounted into a cutter body (2) of an optical fiber cutter (1) so as to be able to move forward and backward. A round blade member (19) for scratching an optical fiber is rotatably mounted onto the slider (12). An operation lever pin (29) for switching between rotating action modes is mounted onto one end of a pin member penetrating through a wall part (26) of the cutter body (2). The rotating actions modes are: a non rotation mode for preventing the round blade member (19) from being rotated; a constant rotation mode for causing the round blade member (19) to be rotated a predetermined angle every time the slider (12) moves backward; and a single turn rotation mode for causing the round blade member (19) to be rotated only a single turn at a predetermined angle when the slider (12) moves backward and for thereafter automatically switching to the non rotation mode.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7348/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : *N* CARBOXYALKYL AURISTATINS AND USE THEREOF

(51) International classification	:C07K5/02,A61P35/00	(71) Name of Applicant :
(31) Priority Document No	:11158481.9	1)SEATTLE GENETICS INC.
(32) Priority Date	:16/03/2011	Address of Applicant :21823 30th Drive Southeast Bothell
(33) Name of priority country	:EPO	Washington 98021 U.S.A.
(86) International Application No	:PCT/EP2012/054294	(72) Name of Inventor :
Filing Date	:12/03/2012	1)LERCHEN Hans Georg
(87) International Publication No	:WO 2012/123423	2)EL SHEIKH Sherif
(61) Patent of Addition to Application Number	:NA	3)STELTE LUDWIG Beatrix
Filing Date	:NA	4)SCHUHMACHER Joachim
(62) Divisional to Application Number	:NA	5)GNOTH Mark
Filing Date	:NA	

(57) Abstract :

The present application relates to new derivatives substituted on the N terminus by a carboxyalkyl group of monomethylauristatin E and monomethylauristatin F to processes for preparing these derivatives to the use of these derivatives for treating and/or preventing diseases and to the use of these derivatives for producing medicaments for treating and/or preventing diseases more particularly hyperproliferative and/or angiogenic disorders such as cancer disorders for example. Such treatments may be applied as a monotherapy or else in combination with other medicaments or further therapeutic measures.

No. of Pages : 93 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7492/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LAMINATE FILM AND METHOD FOR MANUFACTURING SAME

(51) International classification :C08J7/04,B29C55/14,B32B27/14
(31) Priority Document No :2011060298
(32) Priority Date :18/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056501
Filing Date :14/03/2012
(87) International Publication No :WO 2012/128136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Toray Industries Inc.
Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
Chuo ku Tokyo 1038666 Japan
(72)Name of Inventor :
1)MAEKAWA Shigetoshi
2)OHIRA Takayuki
3)OGATA Kazumasa
4)TAKAHASHI Kozo

(57) Abstract :

The present invention provides a laminate film where a coated layer containing organic particles is provided on the surface of a base material film and the ratio (SRz/d) of the surface roughness (SRz) of the coated layer surface and the coating thickness (d) is 12.5 or higher wherein the organic particles are made from a thermoplastic resin containing ether bonds and the coating layer is made from a binder resin containing at least one type of a sulfonic acid group carboxylic acid group or hydroxyl group or a salt thereof and also provides a method for manufacturing the same. The present invention can provide at low cost a laminate film that does not shed organic particles and that has a coating layer containing beads or particles having a large uneven surface.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2013

(21) Application No.7495/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRODRUGS OF LXR MODULATING IMIDAZOLE DERIVATIVES

(51) International classification :C07D233/64,A61K31/4164,A61P3/00

(31) Priority Document No :61/467404

(32) Priority Date :25/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/030499
Filing Date :26/03/2012

(87) International Publication No :WO 2012/135082

(61) 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 COMPANY

Address of Applicant :Route 206 and Province Line Road
Princeton New Jersey 08543 4000 U.S.A.

(72)Name of Inventor :

1)KICK Ellen K.

2)HAGEMAN Michael J.

3)GUARINO Victor R.

4)SU Ching Chiang

5)WEI Chenkou

6)WARRIER Jayakumar Sankara

7)NAIR Satheesh Kesavan

(57) Abstract :

Imidazole prodrugs pharmaceutically acceptable salts or isomers thereof of the invention are disclosed which are useful as modulators of the activity of liver X receptors (LXR). Pharmaceutical compositions containing the compounds and methods of using the compounds are also disclosed.

No. of Pages : 74 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8542/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NON ADJACENT CARRIER AGGREGATION ARCHITECTURE

(51) International classification :H04L5/00,H04B7/08
(31) Priority Document No :61/487172
(32) Priority Date :17/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038453
Filing Date :17/05/2012
(87) International Publication No :WO 2012/158976
(61) 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)FERNANDO Udara C.

(57) Abstract :

A wireless communication device configured for providing carrier aggregation is described. The wireless communication device includes at least one antenna configured to receive a plurality of wireless signals. The wireless communication device also includes a first transceiver. The first transceiver includes a first downconverting circuitry. The wireless communication device further includes a second transceiver. The second transceiver includes a second downconverting circuitry. The wireless communication device also includes an inter transceiver connection that routes a first signal from a low noise amplifier on the first transceiver to the second downconverting circuitry of the second transceiver.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7851/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THREE-DIMENSIONAL MEASURING APPARATUS

(51) International classification	:G01B11/25,G01N21/956	(71)Name of Applicant :
(31) Priority Document No	:2011121190	1)CKD CORPORATION
(32) Priority Date	:31/05/2011	Address of Applicant :250 Ouji 2 chome Komaki shi Aichi
(33) Name of priority country	:Japan	4858551 Japan
(86) International Application No	:PCT/JP2011/066816	(72)Name of Inventor :
Filing Date	:25/07/2011	1)MAMIYA Takahiro
(87) International Publication No	:WO 2012/164758	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a three dimensional measuring apparatus which has improved measuring accuracy and the like while suppressing deterioration of measuring efficiency at the time of performing three dimensional measurement. [Solution] A substrate inspecting apparatus (10) is provided with: a conveyer (13) which transfers a printed substrate (1); an illuminating apparatus (14) which radiates predetermined light to a surface of the printed substrate (1) from diagonally above; and a camera (15) which picks up an image of the printed substrate (1) irradiated with the light. The illuminating apparatus (14) is provided with a first light (14A) to an eighth light (14H). During a time when image pickup is performed a plurality of times under pattern light at first luminance for the purpose of three dimensional measurement image pickup is performed a plurality of times under pattern light at second luminance for the purpose of the three dimensional measurement and image pickup under uniform light of each of color components at the first luminance and the second luminance is performed for the purpose of obtaining luminance image data.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7854/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COATING COMPOSITION SUITABLE FOR PHARMACEUTICAL OR NUTRACEUTICAL DOSAGE FORMS

(51) International classification :A61K9/16,A61K9/20,C08F2/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No:PCT/EP2011/060097
Filing Date :17/06/2011
(87) International Publication No :WO 2012/171576
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EVONIK R-HM GMBH
Address of Applicant :Kirschenallee 64293 Darmstadt
Germany
(72)Name of Inventor :
1)SCHATTKA Jan Hendrik
2)MEIER Christian
3)HERMES Florian

(57) Abstract :

The invention relates to a coating composition suitable for the coating of pharmaceutical or nutraceutical dosage form comprising a core comprising one or more pharmaceutical or nutraceutical active ingredients wherein the coating composition is comprising at least 20 % by weight of an enteric core/shell polymer composition derived from an emulsion polymerisation process wherein the core of the core/shell polymer composition is formed by a water insoluble cross linked polymer or copolymer and the shell of the core/shell polymer composition is formed by an anionic polymer or copolymer.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7858/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A PROCESS FOR PREPARING A FUEL FOR AUTOMOTIVE APPLICATIONS, STATIONARY ENGINES AND MARINE APPLICATIONS BY CATALYTIC LIQUID PHASE ALCOHOL CONVERSION AND A COMPACT DEVICE FOR CARRYING OUT THE PROCESS

(51) International classification	:C10L1/02,F02B1/02	(71)Name of Applicant :
(31) Priority Document No	:PA2011 00243	1)HALDOR TOPS~E A/S
(32) Priority Date	:01/04/2011	Address of Applicant :Nym,llevej 55 DK 2800 Kgs. Lyngby
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/EP2012/001222	(72)Name of Inventor :
Filing Date	:20/03/2012	1)DUWIG Christophe
(87) International Publication No	:WO 2012/130407	2)GABRIELSSON Pr L.T.
(61) Patent of Addition to Application	:NA	3)JANSSENS Ton. V.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel for automotive applications and marine applications is prepared by catalytic liquid phase conversion of the alcohol (s) of an alcohol containing primary fuel to the corresponding ether (s) in a compact device comprising an inlet for an alcohol containing fuel from the primary tank a start up heater a heat exchanger which heats up the cold alcohol (s) to a suitable temperature before entering the reactor a catalytic bed within the reactor wherein the alcohol(s) is/are partly converted to ether(s) a pressure reduction valve inlet means for adding additives and a buffer tank wherein the resulting fuel mixture of alcohol (s) and ether (s) is stored after passing back through the heat exchanger for suitable cooling the heater only being used during start up and the process thereby being conducted under auto thermal operation conditions.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8565/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CURRENT SENSOR

(51) International classification :G01R19/00,G01R1/20,G01R15/00
(31) Priority Document No :10 2011 006 376.5
(32) Priority Date :29/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055718
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CONTINENTAL TEVES AG & CO. OHG
Address of Applicant :Guerickestrae 7 60488 Frankfurt
Germany
(72)Name of Inventor :
1)J-CKEL Wolfgang
2)RINK Klaus

(57) Abstract :

A current sensor comprising at least one first current detection element (1) which detects a load current (i) through an electric conductor and provides an electric measurement signal in dependence on this load current wherein the current detection element (1) is connected to a signal processing unit (2) which comprises a resistance element (3) which is configured such that at least within a defined measurement region of the current sensor the electrical resistance of the resistance element (3) decreases if the load current detected by the current detection element (1) increases.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8580/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NON AQUEOUS ELECTROLYTE SOLUTION AND ELECTRICITY STORAGE DEVICE USING SAME

(51) International classification :H01M10/0569,H01G9/038,H01M6/16
(31) Priority Document No :2011087798
(32) Priority Date :11/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057778
Filing Date :26/03/2012
(87) International Publication No :WO 2012/141001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UBE INDUSTRIES LTD.
Address of Applicant :1978 96 Oaza Kogushi Ube shi
Yamaguchi 7558633 Japan
(72)Name of Inventor :
1)ABE Koji
2)MIYOSHI Kazuhiro
3)KOTOU Yuichi

(57) Abstract :

Provided are: a non aqueous electrolyte solution in which an electrolyte salt is dissolved in a non aqueous solvent characterized by containing 0.01 40 vol% of the ester represented by general formula (I) in a non aqueous solvent said ester having two alkyl groups bound to the alpha carbon of a carbonyl group; and an electricity storage device. (In the formula R represents an alkynyl group and alkenyl group or an alkyl group in which at least one hydrogen atom may be substituted by a halogen atom; R and R each represent an alkyl group in which at least one hydrogen atom may be substituted by a halogen atom; R and R may be bound to each other to form a ring; and if R and R do not form a ring R represents an alkyl group in which at least one hydrogen atom may be substituted by a halogen atom.)

No. of Pages : 41 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8581/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SEAL MEMBER AND PLUG TUBE SEAL STRUCTURE FOR ENGINE

(51) International classification :F16J15/10,F02F7/00,F02F11/00

(31) Priority Document No :2011084156

(32) Priority Date :06/04/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/058885

Filing Date :02/04/2012

(87) International Publication No :WO 2012/137718

(61) Patent of Addition to :NA

Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan

2)MAHLE Filter Systems Japan Corporation

(72)Name of Inventor :

1)AKIYAMA Yoshihiro

2)MUSHA Shinichi

(57) Abstract :

A seal member (3) is disposed between a cylinder head cover (1) in which an ignition plug mounting hole (1a) is formed and a plug tube (2) which is inserted in the ignition plug mounting hole (1a). The seal member (3) is provided with: a base section (31) configured to be elastically deformable and inserted into the ignition plug mounting hole (1a); a protrusion section (32) formed so as to protrude outward in the radial direction from the outer peripheral surface of the base section (31) and engaging with a groove (12b) formed in the inner peripheral surface of the ignition plug mounting hole (1a); a seal lip section (33) in elastic contact with the outer peripheral surface of the plug tube (2); and a grip section (34) formed between the base section (31) and the seal lip section (33) and protruding downward from the ignition plug mounting hole (1a).

No. of Pages : 55 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8582/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLAR BATTERY CELL SOLAR BATTERY MODULE AND SOLAR BATTERY MODULE MANUFACTURING METHOD

(51) International classification :H01L31/04,H01L31/042
(31) Priority Document No :2011121427
(32) Priority Date :31/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063895
Filing Date :30/05/2012
(87) International Publication No :WO 2012/165464
(61) 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 CHEMICAL COMPANY LTD.
Address of Applicant :9 2 Marunouchi 1 chome Chiyoda ku
Tokyo 1006606 Japan
(72)**Name of Inventor :**
1)TSURUOKA Yasuo
2)TAKEMURA Kenzou
3)ASAKAWA Yusuke
4)FUJII Masaki

(57) Abstract :

A solar battery cell comprises: a substrate; a plurality of finger electrodes formed on the light receiving surface of the substrate; and a back side electrode sufficiently covering the back side of the substrate and connected to the finger electrodes on an adjacent cell by bonding a first TAB wire through a conductive adhesive. The back side electrode has an omitted portion arranged so as to define at least one alignment mark indicating a position at which the first TAB wire is bonded and the at least one alignment mark has a width smaller than the width of the first TAB wire.

No. of Pages : 61 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8584/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING FIVE MEMBERED RING CONTAINING COMPOUND

(51) International classification	:C07C205/18
(31) Priority Document No	:2011100636
(32) Priority Date	:28/04/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/061393
Filing Date	:27/04/2012
(87) International Publication No	:WO 2012/147925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ONO PHARMACEUTICAL CO. LTD.

Address of Applicant :1 5 Doshomachi 2 chome Chuo ku
Osaka shi Osaka 5418526 Japan

(72)Name of Inventor :

1)HAYASHI Yujiro

(57) Abstract :

Provided is a method for simply producing by a short step and at a good yield a stereospecific asymmetric five membered ring containing compound that serves as the synthesis intermediate for the formation of a five membered ring such as a prostaglandin with stereoselectivity in that diastereoselectivity and enantioselectivity are excellent but without difficult procedures such as optical resolution. The method for producing a five membered ring containing compound involves producing a five membered ring containing compound represented by chemical formula (II) by using a cyclization step wherein the a unsaturated nitro compound represented by chemical formula (I) and a 1 4 butadione compound are subjected to condensation and cyclization in a water insoluble organic solvent and/or oxygen atom free water soluble organic solvent in the presence of a catalyst formed from a compound that has a pyrrolidine ring wherein the carbon at the a position of this ring is optically active.

No. of Pages : 78 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7043/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MODIFIED AMINOTRANSFERASE GENE THEREOF AND METHOD FOR PRODUCING OPTICALLY ACTIVE AMINO COMPOUND USING SAME

(51) International classification :C12N15/09,C12N1/15,C12N1/19

(31) Priority Document No :2011054636

(32) Priority Date :11/03/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/056174

Filing Date :09/03/2012

(87) International Publication No :WO 2012/124639

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KANEKA CORPORATION

Address of Applicant :3 18 Nakanoshima 2 chome Kita ku
Osaka shi Osaka 5308288 Japan

(72)Name of Inventor :

1)Ito Noriyuki

2)Kawano Shigeru

3)Yasohara Yoshihiko

(57) Abstract :

Pseudomonas fluorescens Provided is a method for efficiently producing from a ketone compound an optically active amino compound useful as an intermediate of a drug an agricultural chemical or the like. Provided are: a polypeptide having amino transferase activity that is increased in stereoselectivity heat resistance and resistance to amine compounds compared to the wild type enzyme by means of modifying an amino transferase derived from ; a gene encoding the polypeptide; and a transformant that expresses the gene at a high level.

No. of Pages : 111 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7531/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMMUNICATION DELAY TIME DERIVATION METHOD, COMMUNICATION TERMINAL AND COMMUNICATION DELAY TIME DERIVATION PROGRAM

(51) International classification :H04W40/12,H04W84/18,H04W88/06
(31) Priority Document No :2011063018
(32) Priority Date :22/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/001776
Filing Date :14/03/2012
(87) International Publication No :WO 2012/127820
(61) 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)UEDA Hirofumi
2)FUJITA Norihito

(57) Abstract :

Provided is a communication delay time derivation method that calculates for an MCH/IF environment the communication delay time corresponding to channel pairings set between communication terminals on a communication route. In a case where channels are selected to be used for communication with respect to intervals on a communication route where the intervals are those between communication terminals on the communication route a calculation target interval identification means (82) detects an inter terminal selection channel repeat pattern which is a pattern of selected channels that appears cyclically on a communication route and selects the interval corresponding to that inter terminal selection channel repeat pattern as a target interval for which communication delay time is to be calculated. On the basis of the inter terminal selection channel repeat pattern a communication delay time derivation means (83) derives the communication delay time for an interval subject to calculation.

No. of Pages : 78 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7879/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ADHESIVES SUITABLE FOR USE IN BONDING APPLICATIONS

(51) International classification :C09J123/28,C08K5/5435,C08K5/541

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2011/056826

Filing Date :29/04/2011

(87) International Publication No :WO 2012/146298

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HENKEL IRELAND LTD.

Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany

2)HENKEL AG & CO. KGAA

(72)Name of Inventor :

1)KNEAFSEY Brendan

2)WEFRINGHAUS Rainer

3)NOLAN Darren

4)FAY Nigel

5)FLEMING Eimear

6)WEIMAR Wolfgang

(57) Abstract :

The present invention relates to adhesives that are suitable for use in a broad variety of bonding applications. In particular the present invention relates to adhesives that are suitable for use in polymer to metal for example elastomer to metal such as rubber to metal bonding applications wherein the adhesives comprise at least one halogenated polyolefin at least one epoxysilane having at least one terminal alkoxy silane group at least one bis silane and optionally at least one organic solvent.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7881/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS AND PROCESS FOR NITRATION SELECTIVITY FLEXIBILITY ENABLED BY AZEOTROPIC DISTILLATION

(51) International classification :C07C201/08,C07C201/16,C07C205/02
(31) Priority Document No :1329/CHE/2011
(32) Priority Date :18/04/2011
(33) Name of priority country :India
(86) International Application No :PCT/US2012/032277
Filing Date :05/04/2012
(87) International Publication No :WO 2012/148643
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
2)ANGUS CHEMICAL COMPANY
(72)**Name of Inventor :**
1)SAWANT Mahesh
2)TRAUTH Daniel M.
3)PENDERGAST John G. Jr.

(57) Abstract :

Disclosed are processes and apparatuses for concentrating at least one organic acid using an alkyl acetate as an entrainer. The processes and apparatuses may use the same alkyl acetate as an entrainer to concentrate a mixture of organic acids.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8600/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CHARACTERIZING PROCESS CONTROL EQUIPMENT INTEGRITY

(51) International classification :G05B19/042,G05B23/02,G01N29/14
(31) Priority Document No :61/479224
(32) Priority Date :26/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034073
Filing Date :18/04/2012
(87) International Publication No :WO 2012/148755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FISHER CONTROLS INTERNATIONAL LLC
Address of Applicant :205 S. Center Street Marshalltown IA 50158 U.S.A.
2)ANDERSON Shawn William
(72)Name of Inventor :
1)FISHER CONTROLS INTERNATIONAL LLC
2)ANDERSON Shawn William

(57) Abstract :

In a process plant a first series of impedance measurements from a valve body are received. The first series of impedance measurements are stored. A second series of impedance measurements from the valve body are received. The second series of impedance measurements from the valve body are stored. The first series and second series of impedance measurements are compared. An indication of loss of integrity of the valve body is generated if the first series of impedance measurements deviates from the second series of impedance measurements.

No. of Pages : 22 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8649/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A SELF ADJUSTING PROCESSING SYSTEM FOR SHEET MATERIAL AND A PROCESSING METHOD USING SUCH SYSTEM

(51) International classification :B65H5/06,B65H9/10,B65H29/58
(31) Priority Document No :2011113498
(32) Priority Date :08/04/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/EP2012/001555
Filing Date :10/04/2012
(87) International Publication No :WO 2012/136381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GIESECKE & DEVRIENT GMBH
Address of Applicant :Prinzregentenstrae 159 81677
München Germany
(72)**Name of Inventor :**
1)ZUBAREVICH Sergei
2)GARIPOV Ilgam

(57) Abstract :

The invention relates to a self adjusting processing system for sheet material. A self adjusting processing system for sheet material comprises a guiding device for sheet material having a main transport and a redirecting device for sheet material having a branch transport in association with the main transport to redirect the sheet material. The redirecting device further has fixed rollers (4) adopted to interact with the branch transport and floating members (3) the fixed rollers and the floating members are positioned at opposite sides of the branch transport and each floating member is adopted to be aligned with appropriate fixed roller. The redirecting device further comprises fixing means (5 7 9) for fixing the floating members position relative to the fixed rollers releasing means (8) for releasing the floating members position relative to the fixed rollers and a first actuating means (6) for moving the floating members towards the fixed rollers till the floating members engage the fixed rollers and backwards from the fixed rollers. Also provided is a method of processing of a piece of sheet material with the self adjusting processing device of the present invention. The processing system and the method can be used with any sheet materials advantageously with banknotes.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8650/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOAD DETECTION VALVE FOR MOTOR VEHICLE

(51) International classification	:B62D61/12,B62D5/08	(71)Name of Applicant :
(31) Priority Document No	:1679/CHE/2011	1)WABCO INDIA LIMITED
(32) Priority Date	:18/05/2011	Address of Applicant :Plant I Plot No. 3 (SP) Third Main
(33) Name of priority country	:India	Road Ambattur Industrial Estate Chennai 600 058 Tamil Nadu
(86) International Application No	:PCT/IN2012/000352	India
Filing Date	:16/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/156996	1)SELVAMANI Sundaramahalingam
(61) Patent of Addition to Application	:NA	2)SREENIVASAN Narayanan
Number	:NA	3)GANESAMOORTHY Arumugham
Filing Date	:NA	4)JIFRI Syed Azhar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A load detection valve (2) for a lift axle control system of a motor vehicle is disclosed. The load detection valve comprises an air supply port (20) for receiving air; an air delivery port (21) for delivering air with a delivery pressure (p2); a cam (10) for rotating in relationship to an axle load; a slidable piston assembly (14); a valve means (24) being displaceable provided in said piston assembly (14); a follower means (12) for actuating said valve means (24); said follower means (12) being shiftable in dependence of said cam rotation; a graduating spring (16) for loading said piston assembly (14); a conduit (30) connected to said air delivery port (21); said delivery pressure in said conduit (30) acting on said piston assembly (14) against said graduating spring (16) in order to output said delivery pressure (p2) in dependence of said graduating spring (16).

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8651/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BLOW MOULD

(51) International classification :B29C49/48,B29C33/30
(31) Priority Document No :RM2011A000165
(32) Priority Date :30/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/055791
Filing Date :30/03/2012
(87) International Publication No :WO 2012/131039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)S.I.P.A. SOCIET INDUSTRIALIZZAZIONE
PROGETTAZIONE E AUTOMAZIONE S.P.A.**
Address of Applicant :Via Caduti del Lavoro 3 I 31029
Vittorio Veneto Italy
(72)Name of Inventor :
**1)ZOPPAS Matteo
2)BISCHER Luigino
3)CORAN Massimo
4)HAFID Tair**

(57) Abstract :

A blow mould (1) provided with a locking system to lock each half mould (2) to the respective half mould holder (3) allowing simpler and quicker replacement of the lateral half impressions (4) of the mould (1). The blow mould (1) provides that the lateral half impression (4) of each half mould (2) is fixed in a cavity of the corresponding mould holder (3) by means of actuating at least one quick coupling device (5 5). Said quick coupling device (5 5) comprises a force multiplier mechanism (22 22) configured so as to actuate a respective locking element (29 29) from an unlocking position in which the half mould (2) or a part thereof may be extracted from the mould holder (3) to a locking position in which half mould (2) and mould holder (3) are integrally locked to each other or vice versa.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8652/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INFRASTRUCTURE UNASSISTED INTER DEVICE WIRELESS WIDE AREA NETWORK
HANDOFF

(51) International classification :H04W36/00,H04M1/60
(31) Priority Document No :13/111114
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038223
Filing Date :16/05/2012
(87) International Publication No :WO 2012/158850
(61) 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)KRISHNASWAMY Dilip
2)SUBRAHMANYA Parvathanathan

(57) Abstract :

Aspects describe infrastructure unassisted inter device handoff. A method performed by a wireless communications apparatus for inter device handoff is disclosed. A wireless communications apparatus that performs a network unassisted inter device handoff is disclosed. A computer program product comprising a computer readable medium that includes codes for carrying out inter device handoff is disclosed. At least one processor configured to perform a network unassisted communication handoff is disclosed.

No. of Pages : 65 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7219/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECEPTION DEVICE RECEPTION METHOD, AND PROGRAM

(51) International classification	:H04J11/00
(31) Priority Document No	:2011055380
(32) Priority Date	:14/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/055861
Filing Date	:07/03/2012
(87) International Publication No	:WO 2012/124575
(61) 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)YOKOKAWA Takashi
2)GOTO Yuken
3)KOBAYASHI Kenichi

(57) Abstract :

The present technology relates to a reception device reception method and program that enable the rapid initiation of data demodulation. A reception device of one aspect of this technology is provided with: a detection unit that detects a first preamble signal which indicates a frame delimiter from a frame signal having a frame structure containing the first preamble signal a second preamble signal transmitted after the first preamble signal and containing control information to be used for processing a data signal and the data signal; a storage unit that stores the second preamble signal when the first preamble signal has been detected; and a processing unit that processes on the basis of the control information contained in the second preamble stored in the storage unit the data signal contained in the same frame as the second preamble stored in the storage unit. This technology can be applied to reception devices that receive data transmitted by OFDM methods such as DVB T2.

No. of Pages : 77 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7537/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR COMMUNICATION IN A WHITE SPACE

(51) International classification	:H04W16/14
(31) Priority Document No	:61/471613
(32) Priority Date	:04/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/032226
Filing Date	:04/04/2012
(87) International Publication No	:WO 2012/138800
(61) 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)SHELLHAMMER Stephen J.

(57) Abstract :

Systems methods and devices to communicate in a white space are described herein. In some aspects wireless communication transmitted in the white space authorizes an initial transmission by a device. The wireless communication may include power information for determining a power at which to transmit the initial transmission. The initial transmission may be used to request information identifying one or more channels in the white space available for transmitting data.

No. of Pages : 63 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7900/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIQUID FERMENTED MILK AND METHOD FOR PRODUCING SAME

(51) International classification	:A23C9/123
(31) Priority Document No	:2011073819
(32) Priority Date	:30/03/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/057105
Filing Date	:21/03/2012
(87) International Publication No	:WO 2012/133015
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEIJI CO. LTD.

Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo
1368908 Japan

(72)Name of Inventor :

1)KAWAI Yoshitaka

2)YAMAMOTO Masashi

(57) Abstract :

Provided is a method of producing a liquid fermented milk that has a weak sour taste and a mild taste and has no deterioration in the appearance, flavor, and texture because of forming no precipitates during storage. A method of producing a liquid fermented milk having a pH of 5.0 or more, including: (A) a curd preparation step of preparing a curd having a pH of 5.0 to 6.0 by adding lactic acid bacteria to a raw material of fermented milk and performing fermentation; and (B) a homogenization treatment step of subjecting the curd to homogenization treatment at a pressure of 30 to 100 MPa to provide a liquid fermented milk having a pH of 5.0 to 6.0. The liquid fermented milk has, for example, a viscosity of 10 mPa-s or less and an acidity of 1.0% or less.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7901/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HIGH STYRENE HIGH VINYL STYRENE BUTADIENE RUBBER WITH NARROW MOLECULAR WEIGHT DISTRIBUTION AND METHODS FOR PREPARATION THEREOF

(51) International classification :C08F236/10,C08F212/08,C08L9/06
(31) Priority Document No :11170966.3
(32) Priority Date :22/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062097
Filing Date :22/06/2012
(87) International Publication No :WO 2012/175680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STYRON EUROPE GMBH
Address of Applicant :Zugerstrasse 231 CH 8810 Horgen
Switzerland
(72)**Name of Inventor :**
1)HAMANN Evemarie
2)VALENTI Silvia
3)HOLTZ Gabriele

(57) Abstract :

A polymer having at least the following characteristics: (a) a block styrene content with more than 6 consecutive styrene units from about 15 to about 35 weight percent based on total styrene content in the polymer; (b) a vinyl content from about 25 to about 80 weight percent based on total amount of polymerized 1 3 diene; and (c) a styrene content from about 35 to about 75 weight percent based on total weight of polymer; and (d) a molecular weight distribution (Mw/Mn) of 1.5 or less.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8680/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR OPERATING A GASIFIER

(51) International classification	:C10J3/30
(31) Priority Document No	:13/091471
(32) Priority Date	:21/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/034454
Filing Date	:20/04/2012
(87) International Publication No	:WO 2012/145628
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KELLOGG BROWN & ROOT LLC

Address of Applicant :601 Jefferson Avenue Houston TX
77002 U.S.A.

(72)Name of Inventor :

1)ABUGHAZALEH John

(57) Abstract :

Systems and methods for operating a gasifier are provided. The method can include combusting a first start up fuel to produce a first combustion gas. A temperature within the gasifier can be increased from a starting temperature to at least an auto ignition temperature of a second start up fuel by introducing the first combustion gas to the gasifier. A second start up fuel can be introduced directly to the gasifier after the temperature within the gasifier is at least the auto ignition temperature of the second start up fuel. At least a portion of the second start up fuel can be combusted within the gasifier to produce a second combustion gas.. At least a portion of the hydrocarbon feedstock can be gasified within the gasifier to produce a syngas.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8317/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BURNER ASSEMBLY AND METHOD FOR REDUCING NOX EMISSIONS

(51) International classification	:F02C3/30
(31) Priority Document No	:61/472,419
(32) Priority Date	:06/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/028442
Filing Date	:09/03/2012
(87) International Publication No	:WO 2012/138447 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)SELAS FLUID PROCESSING CORPORATION
Address of Applicant :5 Sentry Parkway East Suite 204 Blue Bell PA 19422 U.S.A.
(72)**Name of Inventor :**
1)GORDON Norman R.
2)PRIMAS Alex L.
3)KOSINSKI Ronald J.

(57) Abstract :

A burner assembly for combusting fuel in a combustion zone to reduce NOx emissions includes a water spray subassembly including a water outlet configured to direct water at an angle with respect to an axis of the burner assembly the water outlet further configured to direct the water in a direction for mixing with the air upstream of the combustion zone. A method is also provided for combusting fuel in a combustion zone to reduce NOx emissions.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8481/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FAIL SAFE RETAINING ASSEMBLY FOR A SLAM SHUT SAFETY DEVICE

(51) International classification :F16K17/04

(31) Priority Document No :13/087771

(32) Priority Date :15/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/030795

Filing Date :28/03/2012

(87) International Publication No :WO 2012/141886

(61) 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 PROCESS MANAGEMENT REGULATOR TECHNOLOGIES INC.

Address of Applicant :310 East University Drive McKinney TX 75070 U.S.A.

(72)Name of Inventor :

1)WOOLLUMS David E.

2)NGUYEN Tung

3)HAWKINS James Chester

4)ALEXANDRU VLAD Roman

(57) Abstract :

A fail safe retaining plug assembly (142) for a slam shut safety device includes a reset pin (136) a retaining plug (144) attached to the reset pin at a proximal portion (156) and a safety disk (122) attached to the reset pin at a distal portion (154). The retaining plug assembly is sufficiently long to prevent the safety disk from falling off of the distal portion before the safety disk contacts a valve seat (120). The retaining plug assembly is also sufficiently long to prevent the retaining plug from falling off of the reset pin before the safety disk contacts the valve seat.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8483/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONNECTING DEVICE FOR SOLAR PANEL

(51) International classification :H02G3/16,H01L31/048,H01R13/52
(31) Priority Document No :00942/11
(32) Priority Date :03/06/2011
(33) Name of priority country:Switzerland
(86) International Application No :PCT/EP2012/057472
Filing Date :24/04/2012
(87) International Publication No :WO 2012/163604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HUBER+SUHNER AG

Address of Applicant :Degersheimerstrasse 14 CH 9100
Herisau Switzerland

(72)Name of Inventor :

1)WATRINET Hanns

2)LOSER Roger

3)BURGER Thomas

(57) Abstract :

The invention relates to a connecting device (1) for a solar panel (14 18). The connecting device (1) comprises contacts (4.1 4.4) for operatively connecting differently arranged connecting strips (15 19) of more than one type of solar panel (14 18).

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8668/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE AND IMAGE DECODING DEVICE

(51) International classification :H04N7/32		(71)Name of Applicant :
(31) Priority Document No :61/552863		1)PANASONIC CORPORATION
(32) Priority Date :28/10/2011		Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country :U.S.A.		5718501 Japan
(86) International Application No :PCT/JP2012/006651		(72)Name of Inventor :
Filing Date :18/10/2012		1)WAHADANIAH Viktor
(87) International Publication No :WO 2013/061546		2)LIM Chong Soon
(61) Patent of Addition to Application Number :NA		3)NAING Sue Mon Thet
Filing Date :NA		4)SUN Haiwei
(62) Divisional to Application Number :NA		5)SUGIO Toshiyasu
Filing Date :NA		6)NISHI Takahiro
		7)SASAI Hisao
		8)SHIBAHARA Youji
		9)TANIKAWA Kyoko
		10)MATSUNOBU Toru
		11)TERADA Kengo

(57) Abstract :

An image encoding method comprises: a deriving step (S1301) of deriving a candidate of a predicted motion vector from a co located motion vector; an adding step (S1302) of adding the candidate to a list; a selecting step (S1303) of selecting the predicted motion vector from the list; and an encoding step (S1304) of encoding a current block and encoding a current motion vector. In the deriving step (S1301) when a current reference picture and a co located reference picture are each determined to be a long term reference picture the candidate is derived by a first deriving method. When the current reference picture and the co located reference picture are each determined to be a short term reference picture the candidate is derived by a second deriving method.

No. of Pages : 130 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8671/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LOAD CHARACTERISTIC ESTIMATION DEVICE OF DRIVE MACHINE

(51) International classification :H02P29/00
(31) Priority Document No :2011122171
(32) Priority Date :31/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057988
Filing Date :27/03/2012
(87) International Publication No :WO 2012/165011
(61) 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)SHIMODA Kenji
2)IKEDA Hidetoshi
3)SEKIGUCHI Hiroyuki
4)ISODA Takashi

(57) Abstract :

The load characteristic estimation device of a drive machine according to the embodiment comprises: an action command generation part (5) for generating action commands pertaining to the position and speed of a drive machine (3); a drive force command generation part (1) for generating a drive force command so that the action of the drive machine conforms to the action command; a drive part (2) for generating drive force corresponding to the drive force command and driving the drive machine; a code determination part (101) for determining on the basis of the drive speed of the drive machine whether the drive machine is in a forward rotating action a reverse rotating action or a stopped state; a load drive force estimation part (102) for calculating on the basis of the drive force command a load drive force signal which is an estimated value of the load drive force applied to the drive machine; a forward rotation load computation part (103) for calculating sequential average values of the load drive force signal when the determination result is the forward rotating action; and a reverse rotation load computation part (104) for calculating sequential average values of the load drive force signal when the determination result is the reverse rotating action.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7480/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF OPERATING A VEHICLE EQUIPPED WITH A PNEUMATIC BOOSTER SYSTEM

(51) International classification :F02B33/44

(31) Priority Document No :13/035221

(32) Priority Date :25/02/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/025564

Filing Date :17/02/2012

(87) International Publication No :WO 2012/115867

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BENDIX COMMERCIAL VEHICLE SYSTEMS LLC

Address of Applicant :901 Cleveland Street Elyria OH 44035

U.S.A.

(72)Name of Inventor :

1)SCHAFFELD William J.

2)ASMIS Nicholas

3)MCCOLLOUGH Mark W.

4)BEYER Richard

(57) Abstract :

An apparatus and method for improving vehicle performance by application of pneumatic boost to vehicle engines including diesel engines having at least one turbocharger supplying air to the engine in a manner which increases engine torque output while minimizing the potential for exceed various operating limits to the maximum practicable extent. The vehicle s pneumatic booster system controller implements strategies for shaping the rate of the air injection during a boost event tailoring the air injection to obtain maximum engine torque output while respecting the operating limits by controlling the timing duration quantity and/or injection pattern during a boost event to achieve a refined distribution of compressed air injection over the course of the boost event to provide desired engine torque output and fuel efficiency while minimizing the potential for exceeding a wide variety of operation limits regulatory engineering and passenger comfort limits.

No. of Pages : 91 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7481/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS OF QOS FOR SINGLE STREAM ICA

(51) International classification :H04L12/56

(31) Priority Document No :61/451874

(32) Priority Date :11/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/027906

Filing Date :06/03/2012

(87) International Publication No :WO 2012/125347

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CITRIX SYSTEMS INC.

Address of Applicant :851 West Cypress Creek Road Fort
Lauderdale FL 33309 U.S.A.

(72)Name of Inventor :

1)OVSIIANNIKOV Michael

(57) Abstract :

The present solution is directed to a system for providing quality of service (QoS) for a stream of protocol data units via a single transport layer connection. The system includes a device intermediary to a sender and receiver. The device receives via a single transport layer connection a plurality of packets carrying a plurality of protocol data units. Each protocol data unit of the plurality of protocol data units identifying a priority. One or more of the plurality of protocol data units having a priority different than the priority of other protocol data units of the plurality of protocol data units. The device may include a filter for determining an average priority for a predetermined window of protocol data units of the plurality of protocol data units and an engine for assigning the average priority as a connection priority of the single transport layer connection. The device transmits via the single transport layer connection the plurality of packets carrying those protocol data units within the predetermined window of protocol data units while the connection priority of the single transport layer connection is assigned the average priority for the predetermined window of protocol data units.

No. of Pages : 89 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7484/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BLENDS OF A POLYLACTIC ACID AND A WATER SOLUBLE POLYMER

(51) International classification :C08L67/04,C08J5/18,A24D3/08	(71)Name of Applicant :
(31) Priority Document No :1105455.8	1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
(32) Priority Date :31/03/2011	Address of Applicant :Globe House 1 Water Street London WC2R 3LA U.K.
(33) Name of priority country :U.K.	(72)Name of Inventor :
(86) International Application No :PCT/GB2012/050697	1)QUINTANA Robert
Filing Date :29/03/2012	2)PERSENAIRE Olivier
(87) International Publication No:WO 2012/131370	3)BONNAUD Leila
(61) Patent of Addition to Application Number :NA	4)DUBOIS Philippe
Filing Date :NA	5)LEMMOUCHI Yahia
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to water dispersive biodegradable compositions which may be formed into films and fibres. The present invention also relates to polymer blends comprising polylactide and water soluble polymers. More particularly the present invention relates to the use of grafted copolymers (PLA grafted water soluble polymers) for the compatibilization of PLA and water soluble polymers. Such reactive compatibilization of immiscible polymer blends is achieved in such a way that main blend components are covalently bonded. In addition such reactive compatibilization can be carried out by reactive extrusion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8699/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : REMOTE SOCKET APPARATUS

(51) International classification :H01R13/646,G02B6/38
(31) Priority Document No :61/486883
(32) Priority Date :17/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038124
Filing Date :16/05/2012
(87) International Publication No :WO 2012/158787
(61) 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
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)PETERSEN Kurt H.
2)BENSON Paul H.
3)LEBLANC Stephen Paul
4)LE VAN ETTER Laylonie L.
5)SHOEMAKER Curtis L.

(57) Abstract :

A remote socket apparatus comprises a socket to receive a remote electronics unit. The socket is configured to house multiple media to connect to remote electronics housed in the remote electronics unit. The socket includes a socket interface configured to mate with a remote electronics unit interface. At least one of the socket and remote electronics unit further includes an actuation mechanism configured to connect the multiple media simultaneously. The remote socket apparatus can be utilized in a network that provides in building wireless (IBW) communications and in a converged network that also provides wired in building telecommunications.

No. of Pages : 98 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7850/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLYESTER OR POLYESTERIMIDE RESINS TERMINATED WITH THE CYCLIC IMIDE OF AN AROMATIC TRICARBOXYLIC ACID AND WIRE ENAMEL COMPOSITIONS COMPRISING THEM

(51) International classification :C08G63/685,C08G73/16,C09D179/08
(31) Priority Document No.:10 2011 006 437.0
(32) Priority Date :30/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055105
Filing Date :22/03/2012
(87) International Publication No :WO 2012/130724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELANTAS GMBH
Address of Applicant :Abelstrasse 43 46483 Wesel Germany
(72)**Name of Inventor :**
1)BHANU Vinayak Anant
2)TAMBOLI Hemant Rohidas
3)SULZBACH Horst
4)LIENERT Klaus Wilhelm

(57) Abstract :

A polyester or polyesterimide resin obtainable by reacting a) at least one aliphatic or aromatic polyol, b) at least one aliphatic or aromatic polycarboxylic acid or an ester-forming derivative thereof, c) optionally, an at least difunctional compound that contains imide groups and reacts with polyols and/or polycarboxylic acids to form ester groups, d) the cyclic imide of an aromatic tricarboxylic acid and a primary aromatic monoamine, where the compound that contains imide groups may also be formed in situ during the reaction of components a), b), c), and d).

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8517/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECEIVING DEVICE RECEIVING METHOD AND COMPUTER PROGRAM

(51) International classification :H04B7/06,H04W36/00,H04W36/30
(31) Priority Document No :2011074508
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058457
Filing Date :29/03/2012
(87) International Publication No :WO 2012/133697
(61) 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 CASIO Mobile Communications Ltd.
Address of Applicant :1753 Shimonumabe Nakahara ku
Kawasaki shi Kanagawa 2118666 Japan
2)NTT DOCOMO INC.
(72)Name of Inventor :
1)ISHIDA Kazuhiro

(57) Abstract :

Provided are a receiving device a receiving method and a computer program capable of more reliably ascertaining the number and power of transmitting antennas so as to more accurately find a base station. A first power of a first signal transmitted from a first transmitting antenna and a second power of a second signal transmitted from a second transmitting antenna are measured and a determination is made as to whether the ratio of the first power and the second power is larger than a predetermined threshold value. When a determination is made that the ratio of the first power and the second power is larger than the threshold value a presumption is made that the number of transmitting antennas is two.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8518/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECEIVING DEVICE RECEIVING METHOD AND COMPUTER PROGRAM

(51) International classification :H04B17/00,H04B1/16,H04J11/00

(31) Priority Document No :2011074495

(32) Priority Date :30/03/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/058443

Filing Date :29/03/2012

(87) International Publication No :WO 2012/133691

(61) 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 CASIO Mobile Communications Ltd.

Address of Applicant :1753 Shimonumabe Nakahara ku
Kawasaki shi Kanagawa 2118666 Japan

2)NTT DOCOMO INC.

(72)Name of Inventor :

1)ISHIDA Kazuhiro

(57) Abstract :

Provided are a receiving device receiving method and computer program such that good precision for signal received power estimation is achieved even during fast fading. The receiving device comprises: a segmenting means for segmenting the period the signal received power of a reception signal i.e. a received signal is measured in according to characteristic values related to the power of the reception signal (for example SNR); and a calculation means for calculating the RSRP (signal received power) from the power of the channel estimate at each of the segment periods i.e. the portions that the period was segmented into.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8717/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR VALVING ON A SAMPLE PROCESSING DEVICE

(51) International classification :B01L3/00,F16K99/00
(31) Priority Document No :61/487669
(32) Priority Date :18/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038470
Filing Date :18/05/2012
(87) International Publication No :WO 2012/158988
(61) 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
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)LUDOWISE Peter D.
2)SMITH Jeffrey D.

(57) Abstract :

A system and method for valving on a sample processing device. The system can include a valve chamber (134 234) a process chamber (150 250) and a valve septum (132 232) located between the valve chamber and the process chamber. The system can further include a fluid pathway (128 228) in fluid communication with an inlet of the valve chamber wherein the fluid pathway is configured to inhibit a liquid from entering the valve chamber and collecting adjacent the valve septum when the valve septum is in a closed configuration. The method can include rotating the sample processing device to exert a first force on the liquid that is insufficient to move the liquid into the valve chamber; forming an opening in the valve septum; and rotating the sample processing device to exert a second force on the liquid to move the liquid into the valve chamber.

No. of Pages : 59 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8718/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EXTERNAL HANDLE DEVICE FOR VEHICLE DOOR

(51) International classification	:E05B1/00
(31) Priority Document No	:2011118615
(32) Priority Date	:27/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/054052
Filing Date	:21/02/2012
(87) International Publication No	:WO 2012/164983
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA HONDA LOCK

Address of Applicant :3700 Aza Wadayama Shimonaka
Sadowara cho Miyazaki shi Miyazaki 8800293 Japan

(72)Name of Inventor :

1)SAITOU Tadashi

(57) Abstract :

Provided is an external handle device for a vehicle door in which one end of an operating handle is rotatably supported by a support member attached to a door one end of which is rotatably supported by a vehicle body and a holder that houses and supports electrical components is attached to a base member attached to the door in correspondence with the other end of the operating handle wherein an attached section (15c) attached to an end wall (38) on the other end of the door (D) is provided integrally with a base member (15) that comprises a closed end attachment hole (33) that extends in a direction that intersects at an angle with an outer panel (18) an engagement hole (66) that extends in the direction of the axial line of the attachment hole (33) and opens one end of the inner blocked section of the attachment hole (33) is provided in the attached section (15c) so that the other end of the engagement hole (66) provides an opening in the outer circumference of the attached section (15c) and an engagement projection (17c) that engages with the other end of the engagement hole (66) is provided in a holder (17). With this configuration the number of components and the man hours required for assembly can be reduced and costs can be lowered.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8569/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMMUNICATION SYSTEM AND SUPERIMPOSITION MODULES

(51) International classification :H04Q9/00,H04L5/14,H04B3/54
(31) Priority Document No :2011113509
(32) Priority Date :20/05/2011
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2012/062593
Filing Date :17/05/2012
(87) International Publication No :WO 2012/161066
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)Name of Inventor :
1)TAKAHASHI KEN
2)MATSUMOTO Tadashi

(57) Abstract :

A transmission unit and setting apparatuses include respective superimposition modules that use a superimposed signal which is superimposed on a transmitted signal to communicate with each other. The superimposition modules use the superimposed signal to transfer from the setting apparatuses to the transmission unit setting information to be used for group control and pattern control. The superimposition modules also utilize for superimposition of the superimposed signal as a conditionally superimposable band a reply band in addition to three bands i.e. an auxiliary interrupt band an auxiliary band and an inactive band of the transmitted signal. That is the superimposition modules use a determining unit to determine for each of a plurality of frames of the transmitted signal whether there exist any reply signals for a predetermined detection time period after a starting time point of the reply band. The superimposition modules then use as a superimposable band a reply band for which it is determined that there exist no reply signals.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8765/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD PROVIDING SECURE DATA TRANSMISSION VIA SPECTRAL FRAGMENTS

(51) International classification	:H04W12/04
(31) Priority Document No	:61/486489
(32) Priority Date	:16/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/038050
Filing Date	:16/05/2012
(87) International Publication No	:WO 2012/158747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard 75007 PARIS
France
(72)**Name of Inventor :**
1)PUROHIT Vinay D.

(57) Abstract :

Systems methods and apparatus for securely transmitting a data stream by dividing a data stream into a plurality of sub streams; associating each substream with a respective spectral fragment; encrypting at least some of the sub streams; and modulating each sub stream to provide a respective modulated signal adapted for transmission via a respective spectral fragment.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8766/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FUEL SUPPLY DEVICE FOR ENGINE

(51) International classification :F02M37/04,F02M37/08
(31) Priority Document No :2011094762
(32) Priority Date :21/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060327
Filing Date :17/04/2012
(87) International Publication No :WO 2012/144483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KEIHIN CORPORATION
Address of Applicant :26 2 Nishishinjuku 1 chome Shinjuku
ku Tokyo 1630539 Japan
(72)**Name of Inventor :**
1)AKIMOTO Motoki
2)TAKAHASHI Kuniaki
3)MIURA Tatsuya
4)TANAKA Satoshi

(57) Abstract :

A fuel supply device for an engine wherein a base member (15) which comprises as one body a base part (15a) that extends vertically on the side of a throttle body (5) and a housing cylinder part (15b) that has on one end side an end wall (15c) continuous with the lower section of the base part (15a) and is formed in a bottomed cylinder shape is integrally coupled to a body (7) a pump housing case (14) that forms a fuel storage chamber (26) is configured from the housing cylinder part (15b) and a bottomed cylinder shaped housing cover joined to the housing cylinder part (15b) via a seal member and is disposed below the body (7) and a vapor discharge path (48) for discharging vapor generated in the fuel storage chamber (26) is formed in the base part (15a) so as to lead to the upper section in the fuel storage chamber (26) and extend vertically. Consequently the device is made more compact and vapor can be more easily discharged from the fuel storage chamber while the assembling performance of each component is improved and strength and toughness against a load generated by vibration or the like are improved.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8767/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEHICLE BUMPER MOUNTING STRUCTURE

(51) International classification :B60R19/24
(31) Priority Document No :2011081377
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057911
Filing Date :27/03/2012
(87) International Publication No :WO 2012/137627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan
(72)Name of Inventor :
1)MOMII Motoyuki
2)TAGUCHI Yuuki

(57) Abstract :

A fender front stepped part (14f) has first and second fender front fastening sections (26a 26b) that engage with and fasten a bumper spacer (24). The bumper spacer (24) is provided with: a spacer body (25); a bumper spacer reinforcement section (44) that extends toward a fender bottom end (14d) of a fender panel (14) from the bottom end of the spacer body (25); and a bumper spacer rear fastening section (50) which is disposed on the bumper spacer reinforcement section (44) and which overlaps with and fastens the front of the fender bottom end (14d). The bumper spacer rear fastening section (50) is disposed in a position further to the rear than the fender front stepped part (14f) in the longitudinal direction of a vehicle.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7522/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MODULAR MOC DRIVE AND INTERLOCK ASSEMBLY FOR CIRCUIT BREAKER

(51) International classification :H02B11/10,H01H3/32
(31) Priority Document No :61/467403
(32) Priority Date :25/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029596
Filing Date :19/03/2012
(87) International Publication No :WO 2012/134847
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44 CH 8050 Zurich
Switzerland
(72)**Name of Inventor :**
1)WEBB John C.
2)MURRAY Michael J.
3)LOGAN Patrick J.

(57) Abstract :

A MOC operator structure for a vacuum circuit breaker includes a cam coupled to an operating shaft of the circuit breaker a follower in engagement with the cam a first lever coupled with the follower free floating spring structure associated with the first lever a second lever a linkage structure coupled with the second lever and constructed and arranged to be associated with a breaker panel interface for moving auxiliary switches and movable cable structure operatively coupled between the first and second levers. The first lever and spring structure are configured such that when the contacts are closed movement of the cam via the operating shaft drives the first lever to a maximum position compressing the spring structure prior to any movement of the cable structure and wherein force of the spring structure moves the cable structure and thus the second lever causing movement of the linkage structure.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7524/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DERIVATIVES OF SULINDAC, USE THEREOF AND PREPARATION THEREOF

(51) International classification :A01N33/02,A61K31/135,C07D211/06
(31) Priority Document No:61/470752
(32) Priority Date :01/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031507
Filing Date :30/03/2012
(87) International Publication No :WO 2012/135650
(61) 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 :Office Of Commercialization And Intellectual Property 2000 9th Avenue South P.o. Box 55305 Birmingham AL 35205 5305 U.S.A.
(72)Name of Inventor :
1)REYNOLDS Robert
2)MATHEW Bini
3)PIAZZA Gary A.

(57) Abstract :

Derivatives of sulindac that lack cyclooxygenase inhibitory activity are provided along with pharmaceutical compositions containing them and use for treatment or prevention of cancer. The derivatives of sulindac are also suitable for treating chronic inflammatory conditions. A method for preparing the derivatives is also provided.

No. of Pages : 62 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8756/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THERMOPLASTIC SHEET A RADIATION MASK OF THERMOPLASTIC SHEET AND METHOD FOR PROVIDING SAID SHEET AND SAID MASK

(51) International classification :C08J5/18,C08L67/04,A61N5/10
(31) Priority Document No :11170625.5
(32) Priority Date :20/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/061667
Filing Date :19/06/2012
(87) International Publication No:WO 2012/175477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)T TAPE COMPANY BV
Address of Applicant :Hogeborgdreef 60 NL 4645 Putte
Netherlands
(72)Name of Inventor :
1)NIEBERDING Reginald

(57) Abstract :

The present invention relates to a thermoplastic composition suitable for manufacturing a thermoplastic sheet for producing a medical cast such as a radiation mask. The composition has a polymeric component comprising a mixture of a styrene acrylonitrile copolymer and polycaprolactone optionally together with a cross linker and/or a filler wherein the polymeric component comprises 20 to 40 weight% of a styrene acrylonitrile copolymer and 80 to 60 weight% of a polycaprolactone expressed in weight% of the polymeric component wherein the thermoplastic composition has a glass transition temperature of 35 °C 80 °C. The invention further relates to a thermoplastic sheet and to a medical cast in particular a radiation mask obtainable from said composition. In a final aspect the invention relates to a method for producing said sheet and said radiation mask.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8757/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : 2 AMINO 3 (IMIDAZOL 2 YL) PYRIDIN 4 ONE DERIVATIVES AND THEIR USE AS VEGF RECEPTOR KINASE INHIBITORS

(51) International classification :C07D401/04,C07D471/04,A61K31/4709
(31) Priority Document No :11305624.6
(32) Priority Date :20/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059145
Filing Date :16/05/2012
(87) International Publication No :WO 2012/159959
(61) 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

Address of Applicant :54 rue de la Botie F 75008 Paris France

(72)Name of Inventor :

1)BRAUN Alain

2)DUCLOS Olivier

3)LASSALLE Gilbert

4)LORGE Franz

5)MARTIN Valrie

6)RITZELER Olaf

7)STRUB Aurlie

(57) Abstract :

The invention relates to the compounds of general formula (I): Preparation process and therapeutic use.

No. of Pages : 59 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8760/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PUNCH UNIT FOR PUNCHING THIN SHEET METAL AND THIN SHEET METAL PUNCHING APPARATUS PROVIDED WITH PUNCH UNIT

(51) International classification	:B21D28/34
(31) Priority Document No	:2011111466
(32) Priority Date	:18/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/003178
Filing Date	:16/05/2012
(87) International Publication No	:WO 2012/157260
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ONES CO. LTD.

Address of Applicant :12 12 Miyajimaguchi 1 chome
Hatsukaichi shi Hiroshima 7390411 Japan

2)OILES CORPORATION

(72)Name of Inventor :

1)OISHI Masatoshi

2)TANAHASHI Junichi

3)KIRIAKI Hideki

4)TAKADA Keita

(57) Abstract :

An apparatus (1) for punching a thin sheet metal is provided with: an upper die holder (2) which is brought up and down by means of a hydraulic ram and the like; a pressing plate (3) which is firmly attached to the upper die holder (2); a pressing pad (5) which is suspended from the upper die holder (2) with an elastic member (4) therebetween; a punch holder (7) as a punch unit which is firmly attached to the pressing pad (5) with a bolt (6); a lower die (9) having placed thereon a thin sheet metal (8) to be punched; and a die (10) which is embedded in the lower die (9).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7920/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPHERICAL SEAL MEMBER AND METHOD FOR MANUFACTURING SAME

(51) International classification :F16J15/12,F01N13/08,F16J15/06
(31) Priority Document No :2011089153
(32) Priority Date :13/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/002476
Filing Date :09/04/2012
(87) International Publication No :WO 2012/140868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OILES CORPORATION
Address of Applicant :6 34 Kounan 1 chome Minato ku Tokyo
1080075 Japan
(72)Name of Inventor :
1)MIYASHITA Osamu
2)SATOU Eiji
3)ISHIDA Koichi
4)TAKASAGO Toshikazu
5)MATSUNAGA Satoshi

(57) Abstract :

A spherical annular seal member 46 includes a spherical annular base member 42 defined by a cylindrical inner surface 38, a partially convex spherical surface 39, and large- and small-diameter side annular end faces 40 and 41 of the partially convex spherical surface 39; a plurality of partially convex spherical intermediate layers 43 formed integrally on the partially convex spherical surface 39 of the spherical annular base member 42 and laminated in a radial direction; and an outer layer 45 formed integrally on a partially convex spherical surface 44 of the outermost partially convex spherical intermediate layer 43 of these partially convex spherical intermediate layers 43.

No. of Pages : 87 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7924/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUTOMATIC WINDING MACHINE AND AIR CORE COIL AND WINDING METHOD THEREFOR

(51) International classification :H01F41/06,H01F27/28
(31) Priority Document No :2011060706
(32) Priority Date :18/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056410
Filing Date :13/03/2012
(87) International Publication No :WO 2012/128123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHT Corporation Limited
Address of Applicant :5 6 Rinkuoraiminami Izumisano shi
Osaka 5980047 Japan
(72)**Name of Inventor :**
1)YOSHIMORI Hitoshi

(57) Abstract :

An air core coil having unit wound portions which have different inner circumferential lengths but the same outer circumferential lengths is manufactured. An automatic winding machine 10 has a rotation drive mechanism, four winding core shafts 31, 32, 33, 34 protruding from the rotation drive mechanism and being rotated integrally with a rotation center of the rotation drive mechanism, the winding core shafts whose axial centers are parallel to the rotation center, a reciprocating mechanism for reciprocating the winding core shafts 31, 32, 33, 34 between a first position where the axial centers of the winding core shafts serve as apex positions of a substantial rectangle surrounding the rotation center and two facing sides connecting the winding core shafts 31, 32, 33, 34 are an inner circumferential length and an outer circumferential length, and a second position of apex positions of a substantial trapezoid whose outer circumferential length is the same as the first position and whose inner circumferential length is long, at least one pressing roller 51 biased in the direction of bringing close to a rotation passage of the winding core shafts 31, 32, 33, 34 from the outer circumferential side, and a conductive wire supply mechanism for continuously supplying a conductive wire 70 between the winding core shafts 31, 32, 33, 34 and the pressing roller 51.

No. of Pages : 55 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7925/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MONITORING RECOMBINASE POLYMERASE AMPLIFICATION MIXTURES

(51) International classification	:C12P19/34,C12Q1/68	(71) Name of Applicant :
(31) Priority Document No	:61/472919	1)ALERE SAN DIEGO INC.
(32) Priority Date	:07/04/2011	Address of Applicant :9975 Summers Ridge Road San Diego
(33) Name of priority country	:U.S.A.	California 92121 U.S.A.
(86) International Application No	:PCT/US2012/032508	(72) Name of Inventor :
Filing Date	:06/04/2012	1)ARMES Niall A.
(87) International Publication No	:WO 2012/138989	2)PIEPENBURG Olaf
(61) Patent of Addition to Application	:NA	3)GREENWOOD Catherine Jean
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process includes providing a mixture that includes a recombinase a single strand binding protein and one or more oligonucleotides; and detecting particles in the reaction mixture.

No. of Pages : 54 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7926/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTROPHILIC ALKYLATING REAGENTS THEIR PREPARATION AND USE

(51) International classification :C07C381/12,C07D491/18,C07J1/00
(31) Priority Document No :PT105584
(32) Priority Date :28/03/2011
(33) Name of priority country :Portugal
(86) International Application No :PCT/GB2012/000189
Filing Date :23/02/2012
(87) International Publication No :WO 2012/131286
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HOVIONE INTER. LTD
Address of Applicant :Bahnhofstresse 21 CH 6000 Lucerne 7
Switzerland
2)KING Lawrence
(72)Name of Inventor :
1)LEITAO Emilia Perpetua Tavares

(57) Abstract :

The present invention provides electrophilic alkylating reagents of formula II wherein is an aryl group R is an alkyl group R is a substituted phenyl group wherein the number of substituents (n) is greater than 2 and R is an anion and salts thereof methods for their preparation and methods for the preparation of alkylated biologically active compounds using such reagents.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8810/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR PRODUCING A FIBRE PRODUCT BY LAYING DOWN MELT SPUN FIBRES

(51) International classification	:D04H1/56,D04H3/16	(71)Name of Applicant :
(31) Priority Document No	:102011103662.1	1)OERLIKON TEXTILE GMBH & CO. KG
(32) Priority Date	:09/06/2011	Address of Applicant :Leverkuser Strasse 65 42897
(33) Name of priority country	:Germany	Remscheid Germany
(86) International Application No	:PCT/EP2012/060338	(72)Name of Inventor :
Filing Date	:01/06/2012	1)SCHTT G¹nter
(87) International Publication No	:WO 2012/168143	2)POTRATZ Bernhard
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device is described for producing a fibre product by laying down melt spun fibres onto a laydown belt. In the laydown belt a spinning device is associated on a top side and a suction extraction device is associated on a bottom side wherein the suction extraction device has a movable suction chamber which interacts with the spinning device in order to lay down the fibres on the laydown belt. In order for it to be possible to generate a uniform suction flow in every position of the suction chamber according to the invention the suction chamber is formed from a stationary bottom box and a movable top box which are coupled to one another in a pressure tight manner.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7909/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND MACHINE TOOL FOR MACHINING METALLIC WORKPIECES

(51) International classification	:B23Q3/155,B23Q11/10	(71)Name of Applicant :
(31) Priority Document No	:10 2011 078 896.4	1)MAG IAS GMBH
(32) Priority Date	:08/07/2011	Address of Applicant :Stuttgarter Strasse 50 73033 Gppingen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/063223	(72)Name of Inventor :
Filing Date	:06/07/2012	1)MEIDAR Moshe Israel
(87) International Publication No	:WO 2013/007624	2)LANG Heiner
(61) Patent of Addition to Application	:NA	3)HORN Wolfgang
Number	:NA	4)KOLB Holger
Filing Date	:NA	5)WATTS Douglas
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method and a machine tool for machining metallic workpieces, a cool-ing device (35) for supplying a cryogenic coolant (38) to a first tool (16) and a precooling device (36) for supplying the cryogenic coolant (38) to a second tool (27) are provided. The first tool (16) is held in a first chuck (13) and processes a workpiece, with the first tool (16) during processing being cooled by means of the cryogenic coolant (38). The second tool (27) is held in a second chuck (26) and is subsequently to be used for processing the workpiece. For this purpose, the second tool (27) is supplied via the precooling device (36) with the cryogenic coolant (38) and thus cooled to the operating temperature required for processing. Due to the fact that the second tool (27), after the change of tools, already has the required processing temperature, the processing of the workpiece can be continued immediately. By precooling the second tool during the primary processing time, the total processing time of the workpiece is reduced, the machine tool having higher productivity

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8420/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISPLAY CONTROL DEVICE DISPLAY CONTROL METHOD AND PROGRAM

(51) International classification	:G06F3/048,H04Q9/00	(71)Name of Applicant :
(31) Priority Document No	:2011097443	1)SONY CORPORATION
(32) Priority Date	:25/04/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/059960	(72)Name of Inventor :
Filing Date	:12/04/2012	1)AKASAKA Koichi
(87) International Publication No	:WO 2012/147520	2)KAWAMURA Daisuke
(61) Patent of Addition to Application Number	:NA	3)OKA Hiromitsu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present technology relates to a display control device a display control method and a program with which it is possible to easily understand gesture operations which may be inputted. A display control unit displays a gesture operation guide in a first state on a display unit. If a prescribed gesture operation is detected by a detection unit which detects a gesture operation the display control unit changes the guide which corresponds to the detected gesture operation to a second state and displays same on the display unit. The disclosed technology may be applied e.g. to an information processing terminal having a display unit.

No. of Pages : 53 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8830/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HYDROGEN GENERATING CELL HYDROGEN GENERATING DEVICE AND ENERGY SYSTEM USING SAME

(51) International classification :C01B3/04,H01M8/06,C25B1/04
(31) Priority Document No :2012089786
(32) Priority Date :11/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/002313
Filing Date :03/04/2013
(87) International Publication No:WO 2013/153779
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)Name of Inventor :
1)SUZUKI Takahiro
2)NOMURA Takaiki
3)HATO Kazuhito
4)TOKUHIRO Kenichi
5)TAMURA Satoru

(57) Abstract :

This hydrogen generating cell is provided with a liquid electrolyte supply hole a liquid electrolyte discharge hole a first hydrogen circulation hole and a second hydrogen circulation hole that pass through the housing. During installation of the hydrogen generating cell the liquid electrolyte supply hole is positioned directly above the liquid electrolyte discharge hole; the first hydrogen circulation hole is positioned directly above the liquid electrolyte supply hole; and the second hydrogen circulation hole is positioned directly above the liquid electrolyte discharge hole. This configuration makes it possible to greatly decrease the pipe length and number of manifolds related to the liquid electrolyte and hydrogen and to connect hydrogen generating cells together readily and logically.

No. of Pages : 51 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8837/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIRELESS BASE STATION DEVICE MOBILE TERMINAL DEVICE WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W72/04,H04J1/00,H04J11/00
(31) Priority Document No :2011103071
(32) Priority Date :02/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060981
Filing Date :24/04/2012
(87) International Publication No :WO 2012/150686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)Name of Inventor :
1)NAGATA Satoshi
2)ABE Tetsushi
3)KISHIYAMA Yoshihisa
4)TAKEDA Kazuaki

(57) Abstract :

The present invention accurately demodulates a data signal in a mobile terminal device during a coordinated multipoint (CoMP) transmission especially during a joint processing coordinated multipoint (JP CoMP) transmission. The wireless communication method of the present invention is characterized in that a wireless base station device generates a set of demodulation information of the data signal in a mobile terminal device during a coordinated multipoint transmission and transmits the demodulation information to a mobile terminal device which receives via coordinated multipoint reception and in that a mobile terminal device receives the demodulation information of the data signal and demodulates the data signal that was received via coordinated multipoint reception by using the demodulation information.

No. of Pages : 76 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7133/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BEARING STEEL WITH EXCELLENT ROLLING FATIGUE CHARACTERISTICS AND BEARING PARTS

(51) International classification:C22C38/00,C21D8/06,C22C38/18

(31) Priority Document No :2011079586

(32) Priority Date :31/03/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/055553

Filing Date :05/03/2012

(87) International Publication No :WO 2012/132771

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA KOBE SEIKO SHO

Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
ku Kobe shi Hyogo 6518585 Japan

(72)Name of Inventor :

1)KAIZUKA Masaki

2)NAGAHAMA Mutsuhisa

3)SHIMAMOTO Masaki

4)SUGIMURA Tomoko

(57) Abstract :

This bearing steel has: a properly adjusted chemical composition; an average oxide inclusion composition which comprises 10 to 45% of CaO 20 to 45% of AlO 30 to 50% of SiO up to 15% (exclusive of 0) of MnO and 3 to 10% of MgO with the balance being unavoidable impurities; a maximum length of oxide inclusions in the longitudinal section of 20μm or less; and a spheroidal cementite structure.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7291/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS FOR PRODUCING ENTANGLEMENTS ON A MULTIFILAMENT THREAD

(51) International classification :D02G1/16,D02J1/08
(31) Priority Document No :10 2011 015 689.5
(32) Priority Date :31/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054744
Filing Date :19/03/2012
(87) International Publication No :WO 2012/130645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OERLIKON TEXTILE GMBH & CO. KG
Address of Applicant :Leverkuser Strasse 65 42897
Remscheid Germany
(72)Name of Inventor :
1)MATTHIES Claus
2)WESTPHAL Jan

(57) Abstract :

The invention relates to an apparatus for producing entanglements on a multifilament thread having a treatment channel having a nozzle bore that opens into the treatment channel and having an air supply device. The air supply device interacts with the nozzle bore in order to produce pulse like compressed air flows wherein the compressed air is produced via a pressure chamber and a pressure source. In order in particular to control the pressure pulses produced in the pressure chamber a volume store is arranged between the pressure chamber and the pressure source wherein the volume store has a storage volume which is greater than a chamber volume of the pressure chamber.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7292/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AQUEOUS HORTICULTURAL MICROBICIDAL COMPOSITION SUSPENSION

(51) International classification :A01N25/04,A01N25/30,A01N43/713
(31) Priority Document No :2011061430
(32) Priority Date :18/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056499
Filing Date :14/03/2012
(87) International Publication No :WO 2012/128135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIPPON SODA CO. LTD.
Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku
Tokyo 1008165 Japan
(72)Name of Inventor :
1)NAKAMURA Rieko
2)SAIGA Tomoyuki
3)FUJII Satoshi

(57) Abstract :

An aqueous horticultural microbicidal composition suspension comprising: Component (A) a specific oxime compound or salt or N oxide thereof; Component (B) at least one kind selected from the group consisting of polyoxyalkylene alkyl ethers polyoxyalkylene fatty acid esters polyoxyalkylene sorbitan fatty acid esters and silicone surfactants; and Component (C) at least one kind selected from non component (B) nonionic and anionic surfactants.

No. of Pages : 73 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8638/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTERFERENCE ALIGNMENT FOR CHANNEL ADAPTIVE WAVEFORM MODULATION

(51) International classification :H04L25/03
(31) Priority Document No :13/109217
(32) Priority Date :17/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037059
Filing Date :09/05/2012
(87) International Publication No :WO 2012/158422
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)**Name of Inventor :**
1)NIESEN Urs
2)MARZETTA Thomas L.

(57) Abstract :

Embodiments provide an apparatus and method for interference alignment for channel adaptive waveform modulation. The method includes obtaining at least a part of a first matrix and a part of a second matrix for the impulse response function of a communication channel. The method further includes designing a set of one or more linearly independent waveforms based on at least the obtained parts of the first and second matrices such that a first subspace spanned by the linearly independent waveforms when multiplied by the obtained part of the first matrix at least partially overlaps a second subspace spanned by the linearly independent waveforms when multiplied by the obtained part of the second matrix.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8850/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEHICLE STARTING APPARATUS

(51) International classification	:F02N11/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2011/070343
Filing Date	:07/09/2011
(87) International Publication No	:WO 2013/035168
(61) 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)FUJITA Masahiko

(57) Abstract :

To provide a vehicle starting apparatus such that vehicle vibration can be decreased by decreasing the vibration of the engine that is produced at the time of starting the engine. [Configuration] A vehicle starting apparatus according to the present invention is provided with an engine starting apparatus for starting the engine mounted on a vehicle. The engine starting apparatus is configured to set a cranking rotation speed for the engine to be not more than a rotation speed corresponding to the resonant frequency of the engine before the engine is ignited and to increase the rotation speed of the engine to be not less than the rotation speed corresponding to the resonant frequency after the engine is ignited.

No. of Pages : 21 No. of Claims : 6

(54) Title of the invention : METHOD FOR DRYING A HUMID POLYMER POWDER AND DEVICE SUITABLE FOR SAID METHOD

(51) International classification :F26B3/084,F26B17/10,F26B23/00
 (31) Priority Document No :10 2011 014 131.6
 (32) Priority Date :15/03/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/000773
 Filing Date :23/02/2012
 (87) International Publication No :WO 2012/123063
 (61) 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 UHDE GMBH
 Address of Applicant :Friedrich Uhde Strasse 15 44141
 Dortmund Germany
2)VINNOLIT GMBH & CO. KG
 (72)Name of Inventor :
1)BENJE Michael
2)KAMMERHOFER Peter

(57) Abstract :

The invention relates to a device (1) for drying polymer powders comprising an inlet (2) and an outlet (3) for the polymer powder heat registers (5) arranged in the inner chamber (4) and conduits (7) for a heated gas (6a) for drying the polymer powder which open into the inner chamber (4) wherein the conduits (7) are connected to the heat exchangers (9) for heating the gas (6) and wherein the heat exchangers (9) are connected to an installation for producing 1 2 dichloroethane (15) and/or for producing vinyl chloride from 1 2 dichlorethane so that the thermal energy from the installation for producing 1 2 dichlorethane (15) and/or for producing vinyl chloride can be used for heating the gas (6). The method comprises the steps of: i) treating a polymer powder with a heated gas (6a) in a drying device (1) provided with an inlet (2) and an outlet (3) for the polymer powder and provided with heat registers (5) arranged in the inner chamber (4) ii) feeding the heated gas (6a) through the conduits (7) into the inner chamber (4) of the drying device (1) iii) heating the gas (6) in the heat exchangers (9) for generating the heated gas (6a) and iv) heating the heat exchangers (9) by means of a hot fluid (5a 10 19) which has been heated with thermal energy originating from an installation for producing 1 2 dichlorethane (15) and/or for producing vinyl chloride from 1 2 dichlorethane. The device/the method is also advantageously suitable for drying a humid PVC powder and is highly energy efficient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7303/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RESIN COATED RADIUS FILLERS AND SYSTEM AND METHOD OF MAKING THE SAME

(51) International classification :B29C70/52,B29B15/12,B29C70/22
(31) Priority Document No :61/493277
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034751
Filing Date :24/04/2012
(87) International Publication No :WO 2012/166263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CYTEC TECHNOLOGY CORP.
Address of Applicant :300 Delaware Avenue Wilmington DE 19801 U.S.A.
(72)Name of Inventor :
1)PONSOLLE Dominique
2)ROGERS Scott Alfred
3)BLACKBURN Robert
4)MEEGAN Jonathan Edward

(57) Abstract :

A deformable coated radius filler composed of a continuous or elongated fibrous structure (2) and a tacky resin surface coating formed by pulling a dry continuous or elongated fibrous structure through a heated resin bath (3). The coated radius filler has an inner portion that is substantially free of resin and the resin surface coating has a substantially uniform thickness.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8334/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : P TYPE OXIDE P TYPE OXIDE PRODUCING COMPOSITION METHOD FOR PRODUCING P TYPE OXIDE SEMICONDUCTOR DEVICE DISPLAY DEVICE IMAGE DISPLAY APPARATUS AND SYSTEM

(51) International classification :H01L29/24,C01G3/00,G09G3/30
(31) Priority Document No :2011080171
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059131
Filing Date :28/03/2012
(87) International Publication No :WO 2012/133915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Ricoh Company Ltd.
Address of Applicant :3 6 Nakamagome 1 chome Ohta ku
Tokyo 1438555 Japan
(72)**Name of Inventor :**
1)ABE Yukiko
2)UEDA Naoyuki
3)NAKAMURA Yuki
4)MATSUMOTO Shinji
5)SONE Yuji
6)TAKADA Mikiko
7)SAOTOME Ryoichi

(57) Abstract :

A p type oxide which is amorphous and is represented by the following compositional formula: $x\text{AO}_y\text{Cu}_2\text{O}$ where x denotes a proportion by mole of AO and y denotes a proportion by mole of CuO and x and y satisfy the following expressions: $0 < x < 100$ and $x + y = 100$ and A is any one of Mg Ca Sr and Ba or a mixture containing at least one selected from the group consisting of Mg Ca Sr and Ba.

No. of Pages : 94 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8337/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SAMPLE CAPTURE IN ONE STEP FOR TEST STRIPS

(51) International classification :A61B5/145

(31) Priority Document No :13/086453

(32) Priority Date :14/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/033768

Filing Date :16/04/2012

(87) International Publication No :WO 2012/142571

(61) 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

Address of Applicant :Industriepark Hoechst Bldg. K607 D
65926 Frankfurt am Main Germany

(72)Name of Inventor :

1)CASTLE Mark

2)PERRY Jeffrey

3)SHOUP Thomas

4)KUGIZAKI Rodney

(57) Abstract :

A test strip is provided with sample capture that provides for a one step process to achieve a lancing event sample capture and sample transport in a sensor design that supports one step testing. In various embodiments the present invention provides for one step testing by (i) analyte sample capture layout; (ii) analyte sample capture and transport configurations; (iii) structures of sample capture; (iv) processes for forming sample transport and the like.

No. of Pages : 101 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8880/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE TRANSCEIVER BASE STATION TRANSCEIVER DATA SERVER AND RELATED APPARATUSES METHODS AND COMPUTER PROGRAMS

(51) International classification :H04W72/04,H04W72/12,H04L29/08
(31) Priority Document No :11305685.7
(32) Priority Date :04/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/060369
Filing Date :01/06/2012
(87) International Publication No :WO 2012/168152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)Name of Inventor :
1)VALENTIN Stefan
2)KASCHUB Matthias
3)PROEBSTER Magnus
4)WERTHMANN Thomas
5)MLLER Christian

(57) Abstract :

Embodiments relate to apparatuses methods and computer programs for a mobile transceiver a base station transceiver and a data server. A mobile transceiver apparatus (10) comprises means for extracting (12) context information from an application being run on a mobile transceiver (100) context information from an operation system being run on the mobile transceiver (100) or context information from hardware drivers or hardware of the mobile transceiver (100) the context information comprising information on a state of the application and/or information on a state of the mobile transceiver (100). The apparatus (10) further comprises means for communicating (14) data packets with the base station transceiver (200) wherein the data packets comprise payload data packets and control data packets and wherein the means for communicating (14) is operable to communicate pay load data packets associated with the application with a data server (300) through the base station transceiver (200). The apparatus (10) further comprises means for providing (16) the context information to the base station transceiver (200) wherein the context information is comprised in a payload data packet or in a control data packet. A corresponding base station transceiver apparatus receives the context information directly from the mobile transceiver or indirectly through a corresponding data server apparatus.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8523/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYNCHRONIZATION DEVICE AND SYNCHRONIZATION METHOD

(51) International classification	:H04L7/00,G04R40/00	(71)Name of Applicant :
(31) Priority Document No	:2011067325	1)NEC CORPORATION
(32) Priority Date	:25/03/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2011/075655	(72)Name of Inventor :
Filing Date	:08/11/2011	1)KUWABARA Toshihide
(87) International Publication No	:WO 2012/132089	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This synchronization device has a normal signal generator a reference signal generator and a phase difference detector. The normal signal generator generates a normal signal having a timing synchronized with a time signal from a satellite. The reference signal generator generates a reference signal having a timing synchronized with a received signal. The phase difference detector detects the phase difference between the reference signal and the normal signal. The normal signal generator controls the normal signal on the basis of the phase difference when the time signal cannot be obtained.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8527/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TORSIONAL SPRING FOR A SLAM SHUT SAFETY DEVICE

(51) International classification	:F16K17/32
(31) Priority Document No	:61/476169
(32) Priority Date	:15/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/033530
Filing Date	:13/04/2012
(87) International Publication No	:WO 2012/142418
(61) 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 PROCESS MANAGEMENT REGULATOR TECHNOLOGIES INC.
Address of Applicant :310 East University Drive McKinney TX 75070 U.S.A.
(72)**Name of Inventor :**
1)COJOCARU Theodor
2)VALEAN Adrian
3)ALEXANDRU VLAD Roman

(57) Abstract :

A cam assembly for use in a slam shut safety valve includes a cam having an elongated first cam arm and the cam is pivotable about a rotational axis. The cam assembly also includes a torsional spring having a pair of stationary outer arms and a pair of pivotable inner arms wherein the pair of stationary inner arms is coupled to a portion of the first cam arm. The pair of inner arms is adapted to act on the first cam arm to bias the cam into a position that allows the cam to be relatched in a valve rearming process. The pair of inner arms is symmetrically disposed about the first cam arm to prevent lateral displacement of the cam.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8705/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BRUSHLESS MOTOR CONTROL APPARATUS AND BRUSHLESS MOTOR CONTROL METHOD

(51) International classification	:H02P6/16,H02P9/48	(71)Name of Applicant :
(31) Priority Document No	:PCT/JP2011/060583	1)SHINDENGEN ELECTRIC MANUFACTURING CO.
(32) Priority Date	:06/05/2011	LTD.
(33) Name of priority country	:Japan	Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2012/061056	Tokyo 1000004 Japan
Filing Date	:25/04/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/153637	1)HARADA Tomomi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to avoid an excessive voltage being applied to an external load caused by an output voltage of a 3 phase brushless motor apply an excessive voltage to an external load even in situations when an engine is not in a steady state such as when the engine stalls. A brushless motor control apparatus (10) according to the present invention calculates the rotational speed of an engine from the cycle of a zero crossing point of a phase voltage (Vsu) to be induced by a sub coil (Su) of a 3 phase brushless motor (1). When the rotational speed of the engine becomes less than a first rotational speed (N1) the controlling state of the 3 phase brushless motor (1) is switched before the zero crossing point becomes unable to be detected from a state of controlling the phases of AC output voltages (Vu Vv Vw) with a phase control regulator unit (24) to a state of short circuiting the phases of motor coils with a short circuiting type regulator unit (25). Then when the rotational speed of the engine exceeds the first rotational speed (N1) and the phase voltage (Vsu) reaches a voltage level at which the zero crossing point can be detected the control state is switched back again to the state of controlling the phases with the phase control regulator unit (24).

No. of Pages : 74 No. of Claims : 5

(54) Title of the invention : METHOD FOR THE PRODUCTION OF VERY HIGH STRENGTH MARTENSITIC STEEL AND SHEET OR PART THUS OBTAINED

(51) International classification :C21D1/19,C22C38/18,C21D7/13
 (31) Priority Document No :PCT/FR 2011/000294
 (32) Priority Date :12/05/2011
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2012/000153
 Filing Date :20/04/2012
 (87) International Publication No :WO 2012/153012
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO SL

Address of Applicant :CL/Chavarri 6 E 48910 Sestao (Bizkaia) Spain

(72)Name of Inventor :

1)ZHU Kangying

2)BOUAZIZ Olivier

(57) Abstract :

maxmin maxmin 1 2aR133b R2The invention relates to a method for the production of a steel sheet having a fully martensitic structure with an average lathe size of less than 1 micrometre the average elongation factor of the lathes being between 2 and 5 wherein the elongation factor of a lathe of maximum dimension l and minimum dimension l is defined as l / l with a yield point greater than 1300 MPa and mechanical strength greater than $(3220(C)+958)$ megapascals (C) denoting the carbon weight content of the steel. The method comprises the following steps consisting in: supplying a semi finished steel product having a composition containing expressed as weight 0.15% = C = 0.40% 1 5% = Mn = 3% 0.005% = Si = 2% 0.005% = Al = 0.1 % 1.8% = Cr = 4% 0% = Mo = 2% wherein $2.7\% = 0.5 (Mn)+(Cr)+3(Mo) = 5.7\%$ S = 0.05% P = 0.1 % and optionally 0% = Nb = 0.050% 0.01 % = Ti = 0.1 % 0.0005% = B = 0.005% 0.0005% = Ca = 0.005% the remainder of the composition being formed by iron and the inevitable impurities resulting from production; heating the semi finished product to a temperature T between 1050°C and 1250°C and subsequently subjecting the heated semi finished product to rough rolling at a temperature T between 1000 and 880°C with a cumulative reduction rate e greater than 30% such as to obtain a sheet having an austenitic structure that is totally recrystallised with an average grain size of less than 40 micrometres and preferably less than 5 micrometres; and partially cooling the sheet such as to prevent the transformation of the austenite at a rate V greater than 2°C/s to a temperature T between 600°C and 400°C in the metastable austenitic range and subsequently subjecting the not completely cooled sheet to final hot rolling at temperature T with a cumulative reduction rate e greater than 30% such as to obtain a sheet that is cooled at a rate V above the critical cooling rate.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7916/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DETECTING AND PROTECTING A WIRELESS POWER COMMUNICATION DEVICE IN A WIRELESS POWER SYSTEM

(51) International classification :H04B5/00,H02J5/00,H02J17/00
(31) Priority Document No :61/470380
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2012/030605
Filing Date :26/03/2012
(87) International Publication No :WO 2012/135139
(61) 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)DRENNEN William Anthony

(57) Abstract :

Embodiments are directed to detecting and limiting power transfer to communication device such as NFC and RFID cards. A method may include detecting one or more communication devices positioned within a wireless power transfer region of a wireless power transmitter. The method may further include limiting an amount of power transmitted by a transmitter in response to the detection.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7919/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING A FINISHED THREAD-GUIDING GROOVED CYLINDER IN COMPOSITE MATERIAL OF PLASTIC ORIGIN FOR SPOOLING MACHINES IN THE TEXTILE INDUSTRY, AND THREAD-GUIDING GROOVED CYLINDER IN COMPOSITE MATERIAL

(51) International classification :B29C41/04,B65H54/48,B29C41/38
(31) Priority Document No :TV2011A000044
(32) Priority Date :31/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/000555
Filing Date :20/03/2012
(87) International Publication No :WO 2012/131457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIMEI SEIKI CO. LTD.
Address of Applicant :1431 55 Kujiri Izumicho Toki city Gifu 509 5142 Japan
(72)Name of Inventor :
1)CESARATTO Ennio

(57) Abstract :

Method for producing a finished thread guiding grooved cylinder in composite material of plastic origin for spooling machines in the textile industry; finished thread guiding grooved cylinder in composite material. a) the moulding of a RTV (Room Temperature Vulcanizing) silicone rubber cavity contained in the casting mould; b) the subsequent moulding of the thread guiding grooved cylinder by injection casting catalyzed polyurethane resin filled with aluminium hydroxide at 70% the centrifugation in the mould and the catalysis said thread guiding grooved cylinder being provided with overmoulded inserts; c) demoulding; d) the application of a wear resistant coating of hard nickel by electroforming and of hard chromium by galvanic process.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8576/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR COORDINATION OF SENDING REFERENCE SIGNALS FROM MULTIPLE CELLS

(51) International classification	:H04W
(31) Priority Document No	:61/219,354
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039527
Filing Date	:22/06/2012
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:147/CHENP/2012
Filed on	:04/01/2012

(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)TAO LUO

(57) Abstract :

A method, comprising: transmitting transmission coordination information to a first wireless network node from a second wireless network node; and controlling wireless transmission from the second wireless network node in accordance with the transmission coordination information.

No. of Pages : 54 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8577/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING ROTATIONAL SPEED OF COOLING FURNACE BLOWER

(51) International classification :C21D11/00,C21D9/56,C21D9/573
(31) Priority Document No :2011266653
(32) Priority Date :06/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081356
Filing Date :04/12/2012
(87) International Publication No :WO 2013/084870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
Tokyo 1008071 Japan
(72)Name of Inventor :
1)HASEGAWA Akihiko

(57) Abstract :
maxi minA cooling capacity coefficient (a) [Nm/hr·rpm] that establishes a relationship between the rotational speed (r) [rpm] and air volume (b) [Nm/hr] for each blower (4) provided to a cooling furnace is measured and the rotational speed is calculated through a predetermined calculation procedure whereby the required air volume is obtained and the rotational speed (r) [rpm] for each blower is determined so that the rotational speed is within a range between the maximum value (r) and the minimum value (r) of each blower rotational speed. Consequently for example even for a blower of a cooling furnace installation used over many years a blower rotational speed providing sufficient air volume to adequately cool a steel sheet is able to be determined.

No. of Pages : 62 No. of Claims : 7

(54) Title of the invention : PROCESS FOR TREATING CELLULOSE AND CELLULOSE TREATED ACCORDING TO THE PROCESS

(51) International classification :D21C9/06,B01D61/56,D21C9/18
 (31) Priority Document No :11504362
 (32) Priority Date :13/05/2011
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/IB2012/052353
 Filing Date :11/05/2012
 (87) International Publication No :WO 2012/156882
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)STORA ENSO OYJ

Address of Applicant :Kanavaranta 1 FI 00101 Helsinki
 Finland

(72)Name of Inventor :

1)HEISKANEN Isto

2)BACKFOLK Kaj

3)KOTILAINEN Ari

4)GAIDELIS Valentas

5)SIDARAVICIUS Jonas

(57) Abstract :

The present invention relates to a process for purifying a slurry comprising cellulose such as microfibrillated cellulose wherein the process comprises the following steps: providing a slurry comprising cellulose and liquid subjecting the slurry to an electric field inducing the liquid of the slurry to flow separating the liquid from the cellulose thus obtaining a liquid depleted slurry adding a washing liquid such as an organic solvent to the liquid depleted slurry subjecting the liquid depleted slurry to an electric field inducing the washing liquid of the slurry to flow and separating the washing liquid from the cellulose thus obtaining a purified cellulose. The invention also relates to cellulose such as microfibrillated cellulose obtainable from said process.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7450/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEHICLE BODY ASSEMBLY LINE AND METHOD OF ASSEMBLING BUMPER IN VEHICLE BODY ASSEMBLY LINE

(51) International classification	:B62D65/16
(31) Priority Document No	:2011090176
(32) Priority Date	:14/04/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/059955
Filing Date	:12/04/2012
(87) International Publication No	:WO 2012/141232
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan

(72)Name of Inventor :

1)SHIMIZU Kenji

(57) Abstract :

In a bumper assembly method for assembling a bumper (B) in a vehicle body assembly line while a vehicle body (W) is transported by a transport carriage (2) disposed on a floor conveyor (FC) the vehicle body (W) is placed on a lifting means (3) disposed on the transport carriage (2) and the bumper (B) is fastened to the vehicle body (W) lifted to a predetermined height by the lifting means (3). The bumper is assembled downstream of an assembly step (Z41) for components within the engine room of the vehicle body (W) and an assembly step (Z42) for components around the trunk or tailgate and upstream of a tire assembly step (Z43). This configuration improves workability by enabling the worker to perform the assembly operation without having to take difficult postures and decreases the number of steps by avoiding scratches or dents to the bumper.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8597/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NON HUMAN ANIMALS EXPRESSING ANTIBODIES HAVING A COMMON LIGHT CHAIN

(51) International classification :A01K67/027

(31) Priority Document No :13/093156

(32) Priority Date :25/04/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/034737

Filing Date :24/04/2012

(87) International Publication No :WO 2012/148873

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)REGENERON PHARMACEUTICALS INC.

Address of Applicant :777 Old Saw Mill River Road
Tarrytown NY 10591 U.S.A.

(72)Name of Inventor :

1)MCWHIRTER John

2)MACDONALD Lynn

3)STEVENS Sean

4)DAVIS Samuel

5)BUCKLER David R.

6)HOSIAWA Karolina A.

7)MURPHY Andrew J.

(57) Abstract :

A genetically modified mouse is provided wherein the mouse expresses an immunoglobulin light chain repertoire characterized by a limited number of light chain variable domains. Mice are provided that express just one or a few immunoglobulin light chain variable domains from a limited repertoire in their germline. Methods for making light chain variable regions in mice including human light chain variable regions are provided. Methods for making human variable regions suitable for use in multispecific binding proteins e.g. bispecific antibodies are provided.

No. of Pages : 91 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8599/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMPREGNATION TYPE PUFFED FOOD AND METHOD FOR PRODUCING SAME

(51) International classification :A23G3/00,A23G1/00,A23G1/30
(31) Priority Document No :2011116555
(32) Priority Date :25/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063506
Filing Date :25/05/2012
(87) International Publication No:WO 2012/161320
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Meiji Co. Ltd.
Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo
1368908 Japan
(72)**Name of Inventor :**
1)MIURA Takahiro
2)MIYA Fumito
3)HASHIBA Ayumi
4)KURASHIGE Masahiko
5)NOZAKA Mitsunori
6)NASU Masakazu

(57) Abstract :

The present invention provides an impregnation type puffed food wherein a food material to be impregnated said food material comprising a puffed confectionery that is surface coated with a sugar layer is impregnated with a fatty confectionery dough. The impregnation type puffed food has a novel texture that is a combination of a crispy and hard feeling with a feeling that the fatty confectionery would melt out from the inside.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8920/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BENZYL (METH)ACRYLATE MONOMERS SUITABLE FOR MICROSTRUCTURED OPTICAL FILMS

(51) International classification :C08J5/18,C08L33/04,C08F20/10
(31) Priority Document No :61/485853
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034872
Filing Date :25/04/2012
(87) International Publication No :WO 2012/158317
(61) 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
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)HUNT Bryan V.
2)LINDSTROM Kyle J.
3)NELSON Maureen C.

(57) Abstract :

Presently described are optical films comprising a polymerized (e.g. microstructured) surface that comprises the reaction product of a polymerizable resin composition and polymerizable resin compositions that comprise nanoparticles; at least one first monomer comprising at least two (meth)acrylate groups; and at least one second (meth)acrylate monomer having following the structure (I); wherein at least one R1 comprises an aromatic substituent t is an integer from 1 to 4 and R2 is hydrogen or methyl.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8921/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OVERLAY NAVIGATION IN USER INTERFACE

(51) International classification	:G06F3/048,G05B23/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ABB Research Ltd
(32) Priority Date	:NA	Address of Applicant :Affolternstrasse 44 CH 8050 Zürich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2011/058110	(72) Name of Inventor :
Filing Date	:19/05/2011	1)OLAUSSON Martin
(87) International Publication No	:WO 2012/155972	2)TIMSJ– Susanne
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A user interface (UI) for a process control system is disclosed. The UI is configured to be displayed on an electronic visual display unit connectable to the process control system. The UI comprises a plurality of sub UIs each sub UI being adapted to visually indicate at least a part of a process controlled by the process control system. A selection sub UI is provided that can be selectively activated and deactivated by the user or operator which selection sub UI enables the user to at least temporarily select one or more of a plurality of visual representations corresponding to corresponding ones of the plurality of sub UIs. When the selection sub UI is deactivated sub UI corresponding to the selected one or more of the plurality of visual representations is displayed on the display unit.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8682/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTROMAGNETIC ACTUATORS AND MONITORING THEREOF

(51) International classification	:G01D5/22,H01F7/18	(71) Name of Applicant :
(31) Priority Document No	:1110699.4	1)CAMCON OIL LIMITED
(32) Priority Date	:24/06/2011	Address of Applicant :St Johns Innovation Centre Cowley
(33) Name of priority country	:U.K.	Road Cambridge Cambridgeshire CB4 0WS U.K.
(86) International Application No	:PCT/GB2012/051438	(72) Name of Inventor :
Filing Date	:21/06/2012	1)LAMPRELL Ian
(87) International Publication No	:WO 2012/175968	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An assembly includes an electromagnetic actuator (80) and a voltage response arrangement (26) to enable the position of the armature (1) within the actuator to be monitored. The actuator includes two coils (4) joined together in series the armature being switchable between at least two magnetically latched stable rest positions by passing a current pulse through the coils and an output contact (82) electrically coupled to the junction (24) between the coils to facilitate monitoring of the voltage at the junction. The voltage response arrangement (26) is electrically coupled to the output contact (82) so as to provide an output signal giving an indication of the position of the armature (1) in response to the voltage generated on the output contact when a current pulse is passed through the coils (4). A method of monitoring the armature position is also provided.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8683/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DIAGONALLY DRIVEN ANTENNA SYSTEM AND METHOD

(51) International classification :H01Q9/04,H01Q9/42,H01Q21/28

(31) Priority Document No :13/107560

(32) Priority Date :13/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/035093

Filing Date :26/04/2012

(87) International Publication No :WO 2012/158321

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA MOBILITY LLC

Address of Applicant :600 North Us Highway 45 Libertyville Illinois 60048 U.S.A.

(72)Name of Inventor :

1)SMITH Hugh K.

2)KRENZ Eric L.

3)JUMANI Karan J.

4)EFANOV Andrew A.

(57) Abstract :

An electronic device (100) includes an antenna system (150) having two antennas (110 120). A first antenna (110) has a first antenna element (111) positioned near a first corner (191) of a planar rectangular ground plane (165) and a second antenna element (115) positioned near a second corner of the ground plane that is diagonally across from the first corner. A second antenna (120) has a third antenna element (121) positioned near a third corner (193) of the ground plane that is adjacent to the first corner and a fourth antenna element (125) positioned near a fourth corner (195) of the ground plane that is diagonally across from the third corner. At low band frequencies the antenna elements (111 115) of the first antenna (110) are driven out of phase relative to each other. Similarly at low band frequencies the antenna elements (121 125) of the second antenna (120) are driven out of phase relative to each other.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8935/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : USER TERMINAL WIRELESS BASE STATION DOWNLINK CONTROL CHANNEL RECEPTION METHOD AND MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W72/04
(31) Priority Document No	:2011103178
(32) Priority Date	:02/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/060983
Filing Date	:24/04/2012
(87) International Publication No	:WO 2012/150687
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)**Name of Inventor :**
1)NAGATA Satoshi
2)ABE Tetsushi
3)KISHIYAMA Yoshihisa
4)TAKEDA Kazuaki

(57) Abstract :

The present invention is capable of sufficiently exerting an effect to improve the usage efficiency of wireless resources even when the number of user terminals multiplexed to the same wireless resource increases. A user terminal establishes a downlink communication with a wireless base station by using a PDCCH resource region and a PDSCH resource region. The user terminal detects the commencement position in the time direction of a wireless resource in which the PDSCH and the PDCCH are frequency division multiplexed in the PDSCH resource region and receives the PDCCH that is frequency division multiplexed to the wireless resource that begins from the detected commencement position.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8936/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTIPATH MANAGEMENT ARCHITECTURE AND PROTOCOLS FOR MOBILE MULTIMEDIA SERVICE WITH MULTIPLE DESCRIPTION CODING

(51) International classification :H04W76/02,H04W88/04
(31) Priority Document No :13/150708
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040606
Filing Date :01/06/2012
(87) International Publication No :WO 2012/167197
(61) 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)HUANG Xiaolong
2)RAVEENDRAN Vijayalakshmi R.
3)SOLIMAN Samir S.
4)LUO Xun
5)BHAMIDIPATI PhaniKumar K.
6)SHETH Soham V.

(57) Abstract :

A wireless communication method includes an aggregator requesting a first description substream of a multimedia service from a source over a first path receiving confirmation that the source is available and receiving a first substream of the service. The method includes determining if a quality of the first substream is satisfactory and requesting to receive the multimedia service over at least one additional path from the same source. A wireless method of communication by a source device includes receiving a multimedia service request from an end device aggregator over a first path sending an confirmation that the source is available and sending a first substream over the first path in response to the request. The method includes receiving a request to send the multimedia service over at least one additional path to the end device aggregator from the same source.

No. of Pages : 42 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8455/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MEDICAL DELIVERY DEVICE WITH DOSE RE SETTING

(51) International classification	:A61M5/315
(31) Priority Document No	:11504271
(32) Priority Date	:12/05/2011
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2012/050463
Filing Date	:03/05/2012
(87) International Publication No	:WO 2012/154110
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHL Group AB

Address of Applicant :IP Department Box 1240
Augustendalsvgen 19 S 13128 Nacka Strand Sweden

(72)Name of Inventor :

1)KARLSSON Anders

(57) Abstract :

The present invention relates to a medicament delivery device comprising a housing (10 12) capable of containing a medicament container (14) a plunger rod (18) and a drive member (34) arranged to said plunger rod and capable of acting on said plunger rod (18) for moving it in the proximal direction of the device for expelling a dose of medicament from said medicament container (14) a dose and drive setting mechanism (52) comprising a dose setting member (56) operably connected to a force member (82) such that setting of a dose causes said force member (82) to be energized. The intermediate member (68) is configured to interact with a dose setting sleeve (50) through a first unidirectional connection (64 62) configured to interact with said drive member (34) through a second unidirectional connection (70 72) and configured to interact with a dose drive sleeve (76) through a third connection (74 78).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8640/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BATTERY CHARGER AND POWER SUPPLY APPARATUS

(51) International classification :H02J7/00,H01M10/44,H01M10/48
(31) Priority Document No :2011146393
(32) Priority Date :30/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061597
Filing Date :02/05/2012
(87) International Publication No :WO 2013/001909
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)Name of Inventor :
1)TAKAO Hiroshi
2)AOKI Hideaki

(57) Abstract :

A battery charger (20) of a power supply apparatus (1) can mechanically and electrically freely connect to and disconnect from a battery (10) for supplying electrical power to an electrically assisted bicycle (100) constituting a specific device another device is electrically connected thereto and an alternating current socket (31) and/or USB connection terminal (32) is provided thereto for supplying electrical power of the battery (10) to the other device.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8869/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRESSURE SENSITIVE ADHESIVES WITH ONIUM EPOXY CROSSLINKING SYSTEM

(51) International classification :C08F220/26,C08G59/68,C09J133/06

(31) Priority Document No :61/489745

(32) Priority Date :25/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/037729
Filing Date :14/05/2012

(87) International Publication No :WO 2012/161997

(61) 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

Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor :

1)WEIKEL Arlin L.

2)KREPSKI Larry R.

3)CLAPPER Jason D.

4)MAHONEY Wayne S.

5)GADDAM Babu N.

(57) Abstract :

A pre adhesive composition is described comprising an acid and epoxy functional (meth)acryloyl copolymer which when crosslinked using an ionic photoacid generator (PAG) provides a pressure sensitive adhesive and pressure sensitive adhesive articles having desirable properties.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8977/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTIPURPOSE ROTARY DEVICE AND GENERATING SYSTEM INCLUDING SAME

(51) International classification :F03B17/06,F03D3/06,F03B3/12
(31) Priority Document No :1020110040242
(32) Priority Date :28/04/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/001917
Filing Date :16/03/2012
(87) International Publication No :WO 2012/148082
(61) 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 Myung soon
Address of Applicant :999 4 Gangdong ro Sandong myeon
Gumi si Gyeongsanbuk do 730 851 Republic of Korea
(72)**Name of Inventor :**
1)BAE Myung soon

(57) Abstract :

The present invention relates to a multipurpose rotary device and a generating system including same and more particularly to a multipurpose rotary device and a generating system including same which are capable of producing highly efficient clean energy without harming the environment by effectively inducing even and uneven loads which have severe fluctuations and which are obtained from various forms of flow energy generated from fluids in the ground streams or the sea. The multipurpose rotary device of the present invention comprises: a rotor having a plurality of blades along a circumferential direction thereof; and a load inducer inducing the flow of a fluid that enters into said rotor. Said load inducer comprises: an upper supporting member and a lower supporting member disposed opposite each other in mutual contact at the top and bottom of said rotor such that the rotor can be rotatably installed; a load inducing plate rotatably installed in a longitudinal direction between said upper and lower supporting members so as to correspond to each of said blades; and a stopping pin formed on the opposite inner surfaces of said upper and lower supporting members so as to control the angle of rotation of said load inducing plate.

No. of Pages : 66 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8620/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CROSS CLOUD MANAGEMENT AND TROUBLESHOOTING

(51) International classification :G06F15/16,G06F9/06,G06F9/44
(31) Priority Document No :13/111956
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038647
Filing Date :18/05/2012
(87) International Publication No:WO 2012/162171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.
(72)**Name of Inventor :**
1)IYER Kannan C.
2)WATSON Eric B.

(57) Abstract :

A cloud management system is described herein that provides the ability for an application to span two or more clouds while allowing operation management and troubleshooting of the distributed application as a single application. The system provides infrastructure that communicates across datacenters for execution and for centralizing knowledge of instances of an application that are running at different locations. The infrastructure provided by the system monitors both the application and connections between the clouds with intelligence to know if issues are within the application or because of the connection between the clouds. The system coordinates management functions across multiple cloud platforms/locations. Thus the cloud management system creates a single monitoring and troubleshooting interface and knowledge and execution fabric across multiple clouds so that applications spread across multiple clouds can be monitored managed and debugged more easily.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8843/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIRELESS BASE STATION DEVICE MOBILE TERMINAL DEVICE WIRELESS COMMUNICATION SYSTEM AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04W72/04,H04J11/00,H04J99/00
(31) Priority Document No :2011103223
(32) Priority Date :02/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053832
Filing Date :17/02/2012
(87) International Publication No :WO 2012/150667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)**Name of Inventor :**
1)ABE Tetsushi
2)KISHIYAMA Yoshihisa
3)NAGATA Satoshi
4)MIKI Nobuhiko
5)TAKEDA Kazuaki

(57) Abstract :

Provided are a wireless base station device accommodating the increase in the number of users a mobile terminal device a wireless communication system and a wireless communication method. A wireless base station device is provided with: a signal generation unit for generating a first and second downlink control signal addressed to a mobile terminal device; a first multiplexing unit for multiplexing the first downlink control signal to a control region from the beginning of a subframe to a predetermined number of symbols; a second multiplexing unit for frequency division multiplexing the second downlink control signal to a wireless resource from the subsequent symbol in the control region to the last symbol in the subframe; and a transmission unit for transmitting the first downlink control signal that was multiplexed to the control region and the second downlink control signal that was multiplexed to a wireless resource.

No. of Pages : 63 No. of Claims : 15

(54) Title of the invention : CLUTCH FOR TRANSMISSION

(51) International classification	:F16D25/12,F16D25/0638	(71) Name of Applicant :
(31) Priority Document No	:2011133812	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:16/06/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/060328	(72) Name of Inventor :
Filing Date	:17/04/2012	1)MACHIDA Shoji
(87) International Publication No	:WO 2012/172863	2)ENDO Masanori
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A clutch for a transmission is configured in such a manner that a transmission case (53) is provided with a first wall section (55a) and a second wall section (54a) which define a clutch housing chamber (56) for housing: the extended section (13a) of a first transmission shaft (13) which is extended from a shaft end section (15a) of a second transmission shaft (15); a clutch outer member (58); a clutch inner member (61); and friction members (66 67). The clutch outer member (58) is supported by the first wall section (55a) through a first bearing (60) and the clutch inner member (61) is supported through a second bearing (63) by a through hole (54b) in the second wall section (54a) through which the first transmission shaft (13) penetrates. As a result of the configuration the clutch outer member (58) and the clutch inner member (61) are supported independently of the first and second transmission shafts (13 15) by the transmission case (53). This improves the coaxiality between the clutch outer member (58) and the clutch inner member (61) prevents a reduction in the torque transmission capacity of the clutch (17) and reduces torque fluctuation. As a result the occurrence of judder is avoided to minimize and reduce the vibration of the transmission.

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8538/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AGGREGATING CONTEXTUAL CONTENT

(51) International classification :G06F17/00,G06F17/27,G06F19/00
(31) Priority Document No :61/466,681
(32) Priority Date :23/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000300
Filing Date :22/03/2012
(87) International Publication No :WO 2012/151661 A8
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHUNG Edmon W.O.
Address of Applicant :21G 26 Kimberley Road Tsim Sha Tsui
Kowloon Hong Kong SAR China
2)LIU Sin Ling
(72)Name of Inventor :
1)CHUNG Edmon W.O.
2)LIU Sin Ling

(57) Abstract :

Systems devices and methods for aggregating contextual content are disclosed. In some embodiments an evolving subject work is analyzed potentially relevant works are retrieved and the potentially relevant works are categorized and presented.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8539/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BRUSHLESS MOTOR CONTROL DEVICE AND BRUSHLESS MOTOR CONTROL METHOD

(51) International classification :H02P6/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2011/060410

Filing Date :28/04/2011

(87) International Publication No :WO 2012/147194

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SHINDENGEN ELECTRIC MANUFACTURING CO. LTD.

Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku
Tokyo 1000004 Japan

(72)Name of Inventor :

1)HARADA Tomomi

(57) Abstract :

In this brushless motor control device and control method the phase voltage (V_{su}) of one phase of a three phase brushless motor is detected by a subcoil (Su)(6) the time interval (T) of adjacent zero crossing points (a_1 a_2) is measured and the times $T/3$ and $2T/3$ are calculated on the basis of the time interval (T) of the zero crossing points. Then the positions of the zero crossing points (b_1 c_1) of the other two phases are estimated from the $T/3$ and $2T/3$ times. Then the electrification of each coil of the three phase brushless motor is controlled by means of estimating the phase of the other two phase voltages on the basis of the estimated zero crossing points (b_1 c_1).

No. of Pages : 55 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8723/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRODUCT

(51) International classification	:D06F39/02
(31) Priority Document No	:1110700.0
(32) Priority Date	:24/06/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/051462
Filing Date	:22/06/2012
(87) International Publication No	:WO 2012/175987
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RECKITT BENCKISER N.V.

Address of Applicant :Siriusdreef 14 NL 2132 WT Hoofddorp
Netherlands

(72)Name of Inventor :

1)DI BONO Giuseppe

2)PRETTO Nicola

3)WIEDEMANN Ralf

(57) Abstract :

A dosing and dispensing device (1) for liquid detergent comprises a hollow body (2) having a portion (3) comprising a flexible material an opening (4) in said flexible portion and means (5) to spread at least a portion of the contained liquid detergent onto a surface of fabric. The opening is (progressively) opened when pressure is applied to said device on a surface to which the liquid detergent is applied. The opening is substantially closed when said pressure stops.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8726/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MANDREL CONVEYING DEVICE FOR A TUBE ROLLING MILL

(51) International classification	:B21B25/02
(31) Priority Document No	:MI2011A000573
(32) Priority Date	:07/04/2011
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2012/055752
Filing Date	:30/03/2012
(87) International Publication No	:WO 2012/136580
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DANIELI & C. OFFICINE MECCANICHE S.P.A.
Address of Applicant :Via Nazionale 41 I 33042 Buttrio Italy
(72)**Name of Inventor :**
1)CERNUSCHI Ettore
2)SCALMANA Claudio Maria

(57) Abstract :

A rolling plant (R) for rolling tubes having a multi stand rolling mill (5) with two or more rolls in order to implement a controlled speed mandrel rolling process comprises a hooking and releasing device (61) which is arranged in the inlet area of the rolling mill (5) to cooperate with the rear tang of the mandrel (31) and a hooking and releasing device (71) which is arranged in the outlet area of the rolling mill (5) to cooperate with the front tang of the mandrel (31) in coordinated manner with the first hooking and releasing device (61).

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8730/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A ZERO HEAT FLUX DEEP TISSUE TEMPERATURE MEASUREMENT SYSTEM

(51) International classification :G01K1/16
(31) Priority Document No :61/518766
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/000112
Filing Date :01/03/2012
(87) International Publication No :WO 2012/154212
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ARIZANT HEALTHCARE INC.

Address of Applicant :10393 West 70th Street Eden Prairie
MN 55344 U.S.A.

(72)Name of Inventor :

1)BIEBERICH Mark T.

2)DION Philip G.

3)HANSEN Gary L.

4)PALCHAK David R.

5)PRACHAR Timothy J.

6)STAAB Ryan J.

7)VAN DUREN Albert P.

8)WHITE Elecia

9)ZIAIMEHR Allen H.

(57) Abstract :

A zero heat flux deep tissue temperature measurement system measures internal body temperature by way of a probe having a heater and thermal sensors arranged in a zero heat flux construction. The measurement system includes control mechanization that determines heater and skin temperatures based upon data obtained from the probe and uses those temperatures to calculate a deep tissue temperature. The measurement system includes a signal interface cable having a connector where a probe can be releasably connected to the system. The cable and attached connector are a removable and replaceable part of the system separate from the probe. The measurement system provides an output signal imitating a standard input signal configuration used by other equipment.

No. of Pages : 68 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9002/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE USER INTERFACE TO INPUT EMOJI AND OTHER SYMBOLS

(51) International classification :G06F3/048,G06F3/14
(31) Priority Document No :61/489088
(32) Priority Date :23/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038983
Filing Date :22/05/2012
(87) International Publication No :WO 2012/162311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.
(72)**Name of Inventor :**
1)OOI Keita
2)BELL Eric Matthew
3)MORI Yasuhiko
4)YOSHIDA Taketoshi
5)HE Songming
6)CHEN Liang

(57) Abstract :

An integrated symbols user interface (UI) provides a collection of different symbols for inputting symbols into messages such as email message IM messages and SMS text messages. The integrated symbols UI may group symbols in a number of different category panes. Additionally the integrated symbols UI may provide a history pane with previously used symbols. Only a portion of the integrated symbols UI may be displayed on a display screen of device at a time. A user may seamlessly pan over the integrated symbols UI to move between the panes. In some embodiments the integrated symbols UI may also include a category list pane that allows a user to navigate directly to a particular category pane or the history pane.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8413/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE WALL CLOSURE

(51) International classification	:B65D41/04
(31) Priority Document No	:61/480740
(32) Priority Date	:29/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/035422
Filing Date	:27/04/2012
(87) International Publication No	:WO 2012/149293
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CLOSURE SYSTEMS INTERNATIONAL INC.
Address of Applicant :7702 Woodland Drive Suite 200
Indianapolis IN 46278 U.S.A.

(72)**Name of Inventor :**
1)KAMATH Ramesh

(57) Abstract :

A composite closure having a double wall configuration facilitates convenient use by consumers and permits in shell formation of a sealing liner The closure includes an outer closure cap having inner and outer annular skirt portions arranged in concentric relationship with each other The closure includes a sealing liner formed in the closure cap at the inside surface of the top wall portion of the closure cap. A method of compression molding the sealing liner is disclosed.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8822/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR SPATIALLY MOVING PERSONS

(51) International classification	:G09B9/14
(31) Priority Document No	:61/489,065
(32) Priority Date	:23/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2012/059364
Filing Date	:21/05/2012
(87) International Publication No	:WO 2012/160022
	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)AMST SYSTEMTECHNIK GMBH

Address of Applicant :Lamprechthausener Strae 63 A 5282
Ranshofen Austria

(72)Name of Inventor :

1)SCHLSSELBERGER Richard

(57) Abstract :

The invention relates to a device for spatially moving persons comprising: a first support element (1) which has a retaining device (7) for at least one person (8) and is arranged so as to be rotatable about a first rotational axis (4) relative to a second support element (2); a second support element (2) which is arranged so as to be rotatable about a second rotational axis (5) relative to a third support element (3) wherein the first rotational axis (4) and the second rotational axis (5) are arranged substantially orthogonal to each other; and an image playback surface (10); wherein the retaining device (7) has at least one rotational degree of freedom relative to the image playback surface (10).

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8825/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HEAT RESISTANT AUSTENITIC STAINLESS STEEL HAVING EXCELLENT CYCLIC OXIDATION RESISTANCE

(51) International classification :C22C38/00,C22C38/58
(31) Priority Document No :2011106588
(32) Priority Date :11/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062039
Filing Date :10/05/2012
(87) International Publication No :WO 2012/153814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL LTD.)

Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan

(72)Name of Inventor :

1)MIYAMURA Takeo

2)NAMBA Shigenobu

3)FURUYA Kazuki

(57) Abstract :

Provided is a heat resistant austenitic stainless steel comprising: 0.05 0.2% C; 0.1 1% Si; 0.1 2.5% Mn; 1 4% Cu; 7 12% Ni; 16 20% Cr; 0.1 0.6% Nb; 0.05 0.4% Zr; 0.005 0.1% Ce; 0.1 0.6% Ti; 0.0005 0.005% B; 0.001% 0.15% N; 0.005% or less (excluding 0%) S; and 0.05% or less (excluding 0%) P wherein the rest consists of iron and unavoidable impurities.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8959/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR OPERATING PULVERIZED COAL FIRED BOILER FACILITY

(51) International classification :F23K3/02
(31) Priority Document No :2011-154894
(32) Priority Date :13/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067862
Filing Date :12/07/2012
(87) International Publication No :WO 2013/008893
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)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL LTD.)
Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
ku Kobe shi Hyogo 6518585 Japan
(72)**Name of Inventor :**
1)TADA Toshiya

(57) Abstract :

Provided is a method for operating a pulverized coal fired boiler facility wherein upgraded low grade coal can be safely used as fuel and an existing facility needs little remodeling. The present invention relates to a method for operating a pulverized coal fired boiler facility (100) that uses upgraded brown coal as fuel. Boiler exhaust gas taken out of an exhaust gas duct (31) is added to air from a primary air fan (10) to prepare mixed gas with an oxygen concentration of less than 12% in a volume ratio the mixed gas is caused to separately flow to a carrier gas duct (33) that goes through a GAH (8) and a bypass carrier gas duct (34) that bypasses the GAH (8) and thereafter the mixed gas is supplied to a mill (21).

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9031/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF SEARCHING FOR UNSTEADY DUST SOURCE POSITION OF DUSTFALL

(51) International classification	:G01W1/00,G06Q10/04	(71)Name of Applicant :
(31) Priority Document No	:2011108105	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:13/05/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2012/061974	Tokyo 1008071 Japan
Filing Date	:10/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/157508	1)ITO Nobuaki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of searching for an unsteady dust source position of dustfall wherein assumed dust amounts (E E) are calculated by multiplying central axis vertical sectional areas (S S) of dust source search regions relating to evaluation points (i i) at a coordinate point (p) in first and second generation source search regions ((i) (i)) having central axes extending to the windward side of a representative wind direction (WD) with the evaluation points (i i) as starting points by a coefficient (B) and it is determined whether or not the ratio between the assumed dust amounts (E E) falls within a predetermined range.

No. of Pages : 61 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8604/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : UNIFORM CRIMPING AND DEPLOYMENT METHODS FOR POLYMER SCAFFOLD

(51) International classification :A61F2/84
(31) Priority Document No :13/089225
(32) Priority Date :18/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033955
Filing Date :17/04/2012
(87) International Publication No :WO 2012/145326
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ABBOTT CARDIOVASCULAR SYSTEMS INC.

Address of Applicant :3200 Lakeside Drive S 314 Santa Clara
California 95054 U.S.A.

(72)Name of Inventor :

1)WANG Yunbing

2)LUMAUIG Rommel

3)OBERHAUSER James

4)ROBERTS Lily Ayo

5)MCNIVEN Sean A.

6)YAN Kathleen

7)KNOTT Boyd V.

8)BEER Jeremy B.

9)JOHNSON Mark C.

(57) Abstract :

A medical device includes a scaffold crimped to a catheter having an expansion balloon. The scaffold is crimped to the balloon by a process that includes one or more balloon pressurization steps. The balloon pressurization steps are selected to enhance scaffold retention to the balloon and maintain a relatively uniform arrangement of balloon folds about the inner surface of the crimped scaffold so that the scaffold expands in a uniform manner when the balloon is inflated.

No. of Pages : 63 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8803/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING RIGID PU FOAM MATERIALS

(51) International classification	:C08G18/48,C08G18/50	(71)Name of Applicant :
(31) Priority Document No	:11161426.9	1)BASF SE
(32) Priority Date	:07/04/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/055922	1)KUNST Andreas
Filing Date	:02/04/2012	2)FRICKE Marc
(87) International Publication No	:WO 2012/136608	3)EMGE Andreas
(61) Patent of Addition to Application Number	:NA	4)SCHTTE Markus
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing rigid polyurethane (PU) foam materials by reacting polyisocyanates with compounds containing at least two hydrogen atoms which are reactive with isocyanate groups in the presence of foaming agents.

No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8809/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR OPERATING AT LEAST ONE SUPERSONIC NOZZLE IN A METALLURGICAL VESSEL METHOD FOR DETERMINING A PRESSURE LOSS AND SYSTEM FOR DETERMINING OPERATING PARAMETERS OF AT LEAST ONE SUPERSONIC NOZZLE

(51) International classification :C21C5/46,C21C5/32,F27D21/00
(31) Priority Document No :10 2011 006 876.7
(32) Priority Date :06/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/056150
Filing Date :04/04/2012
(87) International Publication No :WO 2012/136698 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)SMS SIEMAG AG
Address of Applicant :Eduard Schloemann Strae 4 40237 D/asseldorf Germany
(72)Name of Inventor :
1)GRYGOROV Pavlo
2)ODENTHAL Hans J/rgen
3)SCHLTER Jochen

(57) Abstract :

The present invention relates to a method for operating at least one supersonic nozzle (40) in a metallurgical vessel (3) comprising the following steps: measuring the inlet pressure (p(t)) of a gas into a supersonic nozzle (40); simultaneously measuring the feed pressure (p(t)) of the gas at a gas feed station (1) arranged at a distance from the supersonic nozzle (40); determining a calibration curve (p(t)=f(p(t))) from the measured inlet pressure (p(t)) and the measured feed pressure (p(t)); and operating the supersonic nozzle (40) in the metallurgical vessel at a predefined inlet pressure (p) by regulating the feed pressure (p) on the basis of the determined calibration curve.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8952/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NETWORK CONTROL METHOD PATH CONTROL APPARATUS NETWORK CONTROL SYSTEM AND PATH CONTROL PROGRAM

(51) International classification :H04L12/56,H04W40/10,H04W52/02
(31) Priority Document No :2011108090
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/002680
Filing Date :18/04/2012
(87) International Publication No :WO 2012/157187
(61) 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)NISHIOKA Jun

(57) Abstract :

A total electric power amount calculating means (81) calculates a total electric power amount that can be used by each of a plurality of communication apparatuses within a predetermined time period. An available electric power calculating means (82) calculates an electric power amount which is available to each communication apparatus in a designated time frame on the basis of both the total electric power amount and a distribution function that is a function defining the ratio of available electric power in a given time frame within the time period. When a time frame in which a traffic is to be accommodated is designated and a path setting request is made an available electric power amount determining means (83) determines for each communication apparatus on the communication path whether a consumed electric power which is an electric power amount required to accommodate the traffic in the time frame exceeds the available electric power amount.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8954/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS FOR TESTING STRUCTURES AND SELECTION METHODS USING THESE

(51) International classification :G01N3/303

(31) Priority Document No :61/491255

(32) Priority Date :30/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/037318

Filing Date :10/05/2012

(87) International Publication No :WO 2012/166314

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DOW TECHNOLOGY INVESTMENTS LLC

Address of Applicant :2020 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)MAYER John Richard

2)RAHA Sasanka

3)UPHADE Balu Shivaji

4)CANTU Lester K.

5)TROTTIER Remi Andre

6)SOO Hwaili

(57) Abstract :

Test method for structures e.g. such as carriers and/or catalysts. The methods may be used to select the carriers and/or catalysts for future use. Carriers and catalysts so selected and processes making use of these are also provided.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9024/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHEMICAL CONVERSION TREATMENT AGENT FOR SURFACE TREATMENT OF METAL SUBSTRATE AND SURFACE TREATMENT METHOD OF METAL SUBSTRATE USING SAME

(51) International classification	:C23C22/34
(31) Priority Document No	:2011104155
(32) Priority Date	:09/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/061887
Filing Date	:09/05/2012
(87) International Publication No	:WO 2012/153766
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Chemetall GmbH

Address of Applicant :Trakehner Strsse 3 D 60487 Frankfurt am Main Germany

(72)Name of Inventor :

1)UCHIKAWA Keita

2)FUSE Kiyoto

(57) Abstract :

This chemical conversion treatment agent for surface treatment of a metal substrate contains a co condensate of a silane coupling agent (A) a silane coupling agent (B) the element fluorine and at least one metal element selected from a group consisting of zirconium titanium and hafnium. The silane coupling agent (A) has a tri or di alkoxysilane group and an amino group and the silane coupling agent (B) is represented by general formula (1) [in the formula R represents an alkylene group of 1 5 carbon atoms; Z represents a cyclohexyl group optionally having an epoxy group; a b and c are integers 0 3 fulfilling the conditions that the sum of a b and c is 3 and the sum of a and b is 2 3; and x is an integer 1 3.].

No. of Pages : 77 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8325/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CREATING AND DELIVERING PLATFORM INDEPENDENT INTERACTIVE APPLICATIONS ON USER DEVICES

(51) International classification	:G06F17/00
(31) Priority Document No	:1095/CHE/2011
(32) Priority Date	:31/03/2011
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2012/000224
Filing Date	:30/03/2012
(87) International Publication No	:WO 2012/131727
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LUKUP MEDIA PVT LTD
Address of Applicant :#25/2 Norris Road Richmond Town
Bangalore 560 025 Karnataka India
(72)**Name of Inventor :**
1)MR. KALLOL Borah

(57) Abstract :

The various embodiments of the present invention provide a system and method for developing and delivering a platform independent application for a plurality of user devices. The system comprises an application development framework to generate a plurality of platform independent data formats describing the application elements and actions allowed on them a content generating server to generate a plurality of device specific data formats a content distribution server to create a schedule for delivering the plurality of device specific data formats to the plurality of user devices and a device specific application container to render the application on the user device based on the plurality of device specific data formats received from the content distribution server. The content generating server includes a data format builder module which takes input from the application development framework and an application metadata and invokes an application handler to generate device specific data formats.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8487/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CROSS APPLICATION NETWORK COMMUNICATION METHOD AND DEVICE

(51) International classification	:H04L12/58,H04L29/08	(71) Name of Applicant :
(31) Priority Document No	:201110075144.X	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(32) Priority Date	:28/03/2011	Address of Applicant :4/F East 2 Block SEG Park. Zhenxing Rd. Futian District Shenzhen Guangdong 518044 China
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2012/072245	1)AN Tingting
Filing Date	:13/03/2012	2)ZOU Quan
(87) International Publication No	:WO 2012/130036	3)HAN Xiaowei
(61) Patent of Addition to Application Number	:NA	4)CHEN Xi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a cross application network communication method and device. The method comprises: loading and starting a plug in module of a local end application the plug in module of the local end application sending account information of a user to a server of a peer end application; the server of the peer end application performing according to the account information authentication on the user and when the authentication is passed allowing the plug in module of the local end application to acquire information of the user in the peer end application. The present invention can implement cross application network communication thereby desirably combining different internet applications.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8879/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DISCOVERING SET OF ROUTES IN NETWORK

(51) International classification :H04L12/56

(31) Priority Document No :13/170005

(32) Priority Date :27/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/JP2012/064856

Filing Date :04/06/2012

(87) International Publication No :WO 2013/002014

(61) 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)GUO Jianlin

2)BHATTI Ghulam M

3)ORLIK Philip

4)ZHANG Jinyun

(57) Abstract :

A set of routes are discovered in a network including concentrators smart meters and an imaginary node. Each concentrator node a source broadcasts a route request (RREQ) packet to the imaginary destination node. Intermediate nodes store a route as a node list (NL) in the RREQ packet and as a route table (RT) in the node. Then each smart meter node can select a primary route and a secondary route from the smart meter node to any concentrator from the route table.

No. of Pages : 36 No. of Claims : 13

(54) Title of the invention : SYSTEM FOR DETECTING INTERNAL WINDING FAULTS OF A SYNCHRONOUS GENERATOR
COMPUTER PROGRAM PRODUCT AND METHOD

(51) International classification :H02P29/02,G01R31/34,H02H3/253
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/EP2011/061188
Filing Date :04/07/2011
(87) International Publication No :WO 2013/004285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ABB RESEARCH LTD
Address of Applicant :Affolternstrasse 44 CH 8050 Z^urich
Switzerland
(72)Name of Inventor :
1)GAJIC Zoran
2)IBRAHIM Mustafa
3)MARINOPOULOS Antonis
4)RODRIGUEZ Pedro
5)WANG Jianping
6)WANG Liwei

(57) Abstract :

A system method and computer program product for monitoring including detecting internal faults especially inter turn faults of a synchronous generator (1) and thus protecting the synchronous generator (1). The synchronous generator (1) comprises a winding (20 23 26) for each phase (a c) of a power network (3) a terminal (5a c) for each phase (a c) arranged on a terminal side (4) of the synchronous generator (1) and connected to the respective winding the terminals (5a c) on the terminal side (4) is connected to an electrical power network (3) and the synchronous generator (1) is arranged to input power to the electrical power network (3) by means of the terminals (5). The method comprises measuring (301 501) the voltage (V V V) of each phase at the at least one each terminal and the current (I I I) of each phase at the terminal determining (302 305 306 502 506) whether the synchronous generator suffers from an internal fault in any of its phases. The determining includes transforming (302 502) the measured phase currents (I I I) and the measured phase voltages (V V V) into symmetric sequence currents (I I I) and symmetric sequence voltages (V V V) respectively. The method further includes monitoring (305 505) at least one of the following variables: a negative sequence residual voltage (V); a zero sequence residual voltage (V); a negative sequence coupling impedance (Z); a zero sequence coupling impedance (Z); wherein each of the variables is calculated from symmetric sequence components (I I I V V) and at least one generator specific impedance (Z Z) and determining (306 504 506) whether the synchronous generator suffers from a winding fault or not from the calculated at least one residual voltage (V V) or coupling impedance (Z Z). The detecting system comprises a measurement circuit (40) arranged for measuring terminal phase voltages (V V V) and terminal phase currents (I I I) measurements; a mathematical transformation provider (42) for transforming each phase voltages (V V V) into symmetrical sequence voltage components (U U U) and each phase currents (I I I) into symmetrical sequence current components (I I I) and a winding fault determiner (44) adapted to detect internal winding faults in the synchronous generator from the negative sequence components (U I) or the zero sequence components (U I) of the voltages and currents.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8588/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MODIFIED CONJUGATED DIENE RUBBER METHOD FOR PRODUCING SAME AND RUBBER COMPOSITION

(51) International classification :C08C19/25,B60C1/00,C08C19/22

(31) Priority Document No :2011098186

(32) Priority Date :26/04/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/060362

Filing Date :17/04/2012

(87) International Publication No :WO 2012/147565

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)JSR CORPORATION

Address of Applicant :9 2 Higashi shinbashi 1 chome Minato ku Tokyo 1058640 Japan

(72)Name of Inventor :

1)MORITA Hiroyuki

2)SHIBATA Masahiro

3)TANAKA Ryoji

(57) Abstract :

Provided is a method for producing a conjugated diene rubber that can be used as a starting material for crosslinked rubber with which low fuel consumption is improved and which is used for tire treads and the like. Also provided is a method for producing a modified conjugated diene rubber comprising (a) a step for obtaining a modified conjugated diene polymer comprising functional groups (II) by reacting a conjugated diene polymer which has alkali metal or alkaline earth metal active terminals and is obtained by polymerization of a conjugated diene compound or a conjugated diene compound and an aromatic vinyl compound and a hydrocarbyloxysilane compound having at least one each of functional group (I) and functional group(II) per molecule and (b) a step for obtaining a modified conjugated diene rubber by mixing the modified conjugated diene polymer obtained in step (a) and at least one selected from the group consisting of organic acid compounds and organic acid derivatives. Functional group (I) is a hydrocarbyloxysilyl group and functional group (II) is a nitrogen containing group obtained by substituting two hydrogen atoms of the primary amino groups with protector groups.

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9016/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : SKIN SAMPLING MEMBER MEASURING DEVICE AND MEASURING METHOD

(51) International classification :A61B5/00,A61B5/107,G01N21/01
(31) Priority Document No :2011118346
(32) Priority Date :26/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059803
Filing Date :10/04/2012
(87) International Publication No :WO 2012/160893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi
Osaka 5458522 Japan
(72)Name of Inventor :
1)YAMANAKA Mikihiro
2)HIJIKURO Megumi
3)HARA Keita

(57) Abstract :

This invention comprises: a light transmissive suction mechanism (1); a suction hole (5) that is provided in the suction mechanism (1) and that is for sucking the skin; and an exhaust hole (4) that is provided in the suction mechanism (1) and that is for reducing the pressure inside the suction mechanism (1).

No. of Pages : 101 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9018/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : MEDICAL SUPPLY

(51) International classification :A61L33/00,C08F216/06,C08F218/08
(31) Priority Document No :2011139267
(32) Priority Date :23/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065946
Filing Date :22/06/2012
(87) International Publication No :WO 2012/176861
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TORAY INDUSTRIES INC.
Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
Chuo ku Tokyo 1038666 Japan
(72)Name of Inventor :
1)SAKAGUCHI Hirokazu
2)SAKAGUCHI Yuka
3)TANAHASHI Kazuhiro

(57) Abstract :

The purpose of the invention is to provide a medical supply wherein a compound that is capable of interfering with the blood coagulation reaction both during the step of primary hemostasis in which platelets participate and the step of blood clot formation in which blood coagulation factor participates is firmly fixed to the surface of the medical supply while maintaining anti blood coagulating activity. The invention provides a medical supply wherein firmly fixed to the surface is a hydrophilic polymer obtained by bonding a compound represented by general formula (I) and a copolymer of a monomer selected from the group consisting of ethylene glycol vinyl acetate vinyl pyrrolidone propylene glycol vinyl alcohol and siloxane. (I)

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9070/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A POLYETHYLENE BLEND COMPOSITION HAVING A REDUCED CHILL ROLL BUILDUP DURING EXTRUSION PROCESS

(51) International classification :C08L23/04,C08L23/06,C08L23/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/038347
Filing Date :27/05/2011
(87) International Publication No :WO 2012/166093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.
(72)**Name of Inventor :**
1)BRODIL Jason
2)COOPER James
3)WIKER Nathan

(57) Abstract :

The instant invention provides a polyethylene blend composition having reduced chill roll buildup during extrusion process and films and coating layers made therefrom. The polyethylene blend composition according to the present invention provide reduced chill roll buildups during extrusion process and comprises: (a) from 60 to 95 percent by weight of a linear polyethylene composition comprising less than or equal to 100 percent by weight of the units derived from ethylene and less than 15 percent by weight of units derived from one or more a olefin comonomers; wherein said linear polyethylene composition has a density in the range of from 0.917 to 0.975 g/cm a molecular weight distribution (M/M) in the range of from 1.70 to 3.62 a melt index (I2) in the range of from 2 to 50 g/10 minutes and a vinyl unsaturation in the range of from less than 0.06 vinyls per one thousand carbon atoms present in the linear polyethylene composition; and (b) from 5 to 40 percent by weight of a low density polyethylene composition (LDPE) having a density in the range of from 0.915 to 0.930 g/cm and a melt index (I) in the range of from 0.4 to 10; wherein the polyethylene blend composition has a density in the range of 0.917 to 0.960 g/cm and a melt index (I) in the range of from 2 to 30 g/10 minutes.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8545/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR HANDLING PRIVACY DATA

(51) International classification :G06F21/00,G06F17/30,G06Q50/06
(31) Priority Document No :61/484266
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/058580
Filing Date :09/05/2012
(87) International Publication No :WO 2012/152845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NAGRAVISION S.A.
Address of Applicant :Route de Genève 22 24 CH 1033
Cheseaux sur Lausanne Switzerland
(72)Name of Inventor :
1)BURCKARD Antoine

(57) Abstract :

The present invention aims to improve data protection against illegal access by a strong differentiation of the security level specific on a type of data so that when the protection on a part of the data is violated the remaining data are still inaccessible. A method for controlling access via an open communication network to user private data comprising steps of: dividing the user private data into a plurality of categories each category defining a privacy level of the data encrypting the user private data of each category with a category key pertaining to the category of the data attributing to a stakeholder an entity configured for accessing to at least one category of user private data and authorizing the access to the at least one category of user private data for the entity of the stakeholder by providing the stakeholder with the category keys required for decrypting the user private data of the corresponding category.

No. of Pages : 18 No. of Claims : 15

(54) Title of the invention : LUBRICATION WITH OIL COMPATIBLE POLYMER BRUSHES

(51) International classification :C10M107/28,C10M177/00,C09D133/08
 (31) Priority Document No :11165241.8
 (32) Priority Date :09/05/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/056070
 Filing Date :03/04/2012
 (87) International Publication No :WO 2012/152512
 (61) 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 SWATCH GROUP RESEARCH AND DEVELOPMENT LTD
 Address of Applicant :Rue des Sors 3 CH 2074 Marin
 Switzerland
 (72)**Name of Inventor :**
1)BIELECKI Robert M.
2)BENETTI Edmondo M.
3)SPENCER Nicholas D.

(57) Abstract :

A polymer brush based surface modification strategy for friction and wear reduction in hard contact under boundary lubrication conditions is proposed specifically for a non aqueous environment. Surface initiated Atom Transfer Radical Polymerisation (SI ATRP) was employed for the synthesis of three different oil compatible hydrophobic polymer brushes based on alkyl methacrylates. This study presents polymerisation kinetics chemical characterization by means of Fourier transform infrared spectroscopy (FTIR) and surface morphologies observed in atomic force microscopy (AFM). The lubrication properties of the anchored polymers were evaluated macroscopically by means of ball on disk methods and on the nanonewton scale by lateral force microscopy (AFM/LFM) and showed significant reduction in friction up to contact pressures as high as 460 MPa. The frictional response of surface grafted polymers is shown to depend strongly on the compatibility of the polymer with the chosen lubricating fluid. Their good tribological performances have also been proven with watchmaking lubricants. These results do make the prevent invention a suitable candidate for a watchmaking application (such as at the balance pivot or the escapement) in order to increase the efficiency and reliability of the movements.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2013

(21) Application No.8740/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : FOOD COMPOSITION COMPRISING A CELLULOSE ETHER

(51) International classification :C08B11/20,C08L1/28,C08L89/00

(31) Priority Document No :61/496787

(32) Priority Date :14/06/2011

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/US2012/041008

Filing Date :06/06/2012

(87) International Publication
No :WO 2012/173838

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674
U.S.A.

(72)Name of Inventor :

1)HUEBNER Britta

2)MOHLER Carol Elaine

3)BRACKHAGEN Meinolf

4)ADDEN Roland

5)SAMMLER Robert L.

6)MOORE Johnathan D.

7)KNARR Matthias

(57) Abstract :

Cellulose ethers are described herein which are useful in food compositions. In these cellulose ethers the ether substituents are methyl groups hydroxyalkyl groups and optionally alkyl groups being different from methyl the cellulose ether has a DS(methyl) of from 1.65 to 2.20 an MS(hydroxyalkyl) of from 0.10 to 1.00 and hydroxy groups of anhydroglucose units are substituted with methyl groups such that [$s_{23}/s_{26} - 0.2MS(\text{hydroxyalkyl})$] is 0.35 or less wherein s_{23} is the molar fraction of anhydroglucose units wherein only the two hydroxy groups in the 2 and 3 positions of the anhydroglucose unit are substituted with methyl groups and wherein s_{26} is the molar fraction of anhydroglucose units wherein only the two hydroxy groups in the 2 and 6 positions of the anhydroglucose unit are substituted with methyl groups.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9101/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTROMAGNETIC STEEL SHEET HAVING INSULATING COATING

(51) International classification :C23C22/00,B32B15/04,H01F1/18

(31) Priority Document No :2011190155

(32) Priority Date :31/08/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/005423

Filing Date :29/08/2012

(87) International Publication No :WO 2013/031200

(61) 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

Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan

(72)Name of Inventor :

1)FUJIBAYASHI Nobue

2)SASHI Kazumichi

3)OKUMURA Yusuke

4)OSHIMA Yasuhide

5)KUBOTA Takahiro

6)NAGOSHI Masayasu

(57) Abstract :

Provided is an electromagnetic steel sheet having an insulating coating which has excellent punchability excellent coating adhesiveness and excellent coating characteristics after annealing even without including a chrome compound in the insulating coating. This electromagnetic steel sheet having an insulating coating is characterized by having an insulated coating having a surface treatment agent coated and dried on at least one surface of the electromagnetic steel sheet said surface treatment agent including: at a mass ratio (A/B) of less than 0.05 1.0 a trialkoxysilane and/or a dialkoxysilane (A) comprising only at least one type of non reactive substituent group selected from hydrogen an alkyl group and a phenyl group; and a silane coupling agent (B).

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8700/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A CABLE TERMINATION DEVICE A METHOD FOR PREFABRICATING A CABLE TERMINATION DEVICE AND A METHOD FOR ACHIEVING A CABLE TERMINATION

(51) International classification	:H02G15/04,H02G15/064	(71)Name of Applicant :
(31) Priority Document No	:61/488178	1)ABB TECHNOLOGY AG
(32) Priority Date	:20/05/2011	Address of Applicant :Affolternstrasse 44 CH 8050 Zürich
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/EP2011/066520	(72)Name of Inventor :
Filing Date	:22/09/2011	1)BOHLIN ...ke
(87) International Publication No	:WO 2012/159681	2)RAPP Hans
(61) Patent of Addition to Application	:NA	3)SVAHN Jrgen
Number	:NA	4)PURIN Martin
Filing Date	:NA	5)M...RTENSSON Daniel
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cable termination device of the dry type for terminating a high voltage cable (30) comprising an insulator housing (1) with a first end (10) and a second end (11) and having a hollow interior (9) and which second end has an opening for insertion of a high voltage cable. The cable termination device further comprises a stress controller device (5) located inside the insulator housing (1) and adapted to be mounted on a high voltage cable an end cap (15) located at the first end (10) of the insulator housing and provided with an external electrical connection means (17) and an electrically insulating gel (23) filling at least part of the hollow interior (9) of the insulator housing (1) and surrounding at least part of the stress controller device (5). Further the stress controller device (5) is provided with a first (21) and a second (22) deflector arrangement for controlling an electric field. The invention also includes a method for prefabricating a cable termination device for a high voltage cable and a method for achieving a cable termination on a high voltage cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8701/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SAFETY SYSTEM COMPRISING SMOKE DETECTOR AND SIGNALING MEANS

(51) International classification :F21S2/00,F21S8/04,F21V33/00	(71)Name of Applicant :
(31) Priority Document No :20 2011 005 648.1	1)PWI PURE SYSTEM AG
(32) Priority Date :06/04/2011	Address of Applicant :Augustaanlage 32 68165 Mannheim
(33) Name of priority country :Germany	Germany
(86) International Application No :PCT/EP2012/056453	(72)Name of Inventor :
Filing Date :10/04/2012	1)H-LZER Bernd
(87) International Publication No :WO 2012/136847	
(61) Patent of Addition to	
Application Number :NA	
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to a console (1) with lighting means (2) for combining with identical or different signaling means (3 6). The console (1) consists of at least one first frame element (1.0) which comprises an upper part (1.1) with a front face (1.10) and which comprises a lower part (1.2) with a rear face (1.20) for mounting on a mounting surface (9) and first lighting means (2) that are arranged directly or indirectly on the frame element (1.0). The function of the signaling means (3 6) should not be impaired by the lighting means and simultaneously a modular combination of such systems should be possible said combination improving the safety. For this purpose the frame element (1.0) is designed in at least two parts in the direction of a central axis (M). At least one groove (1.3) that at least partly encircles the central axis (M) on the outer face (1.12) is provided between the front face (1.10) and the rear face (1.20). The lighting means (2) are arranged in the groove (1.3). The frame element (1.0) has a recess (1.5) with an inner face (1.4) that is used to receive electric signaling means (3 6) and the frame element (1.0) insulates the signaling means (3 6) from the conductive waste heat and from the convective waste heat of the lighting means (2) and shields the signaling means from said waste heat.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8702/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CLEANING A NOZZLEPLATE

(51) International classification	:B41J2/165
(31) Priority Document No	:11171932.4
(32) Priority Date	:29/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/062228
Filing Date	:25/06/2012
(87) International Publication No	:WO 2013/000862
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AGFA GRAPHICS NV
Address of Applicant :IP Department 3622 Septestraat 27 B
2640 Mortsel Belgium
(72)**Name of Inventor :**
1)DE ROECK Luc Arthur

(57) Abstract :

A system and a method for cleaning a printhead by providing from a first slot a laminar flow of cleaning fluid that flows through a pretensioned brush for brushing the nozzleplate and collecting debris. The cleaning fluid with the debris are drained by a first slit having a first underpressure and next by a second slot that has a second underpressure that is greater than the first underpressure.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8703/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONVERGED IN BUILDING NETWORK

(51) International classification	:H04B3/02,H04B7/00	(71) Name of Applicant :
(31) Priority Document No	:61/486887	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:17/05/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/037704	(72) Name of Inventor :
Filing Date	:14/05/2012	1)SHOEMAKER Curtis L.
(87) International Publication No	:WO 2012/158584	2)BENSON Paul H.
(61) Patent of Addition to Application	:NA	3)LEBLANC Stephen Paul
Number	:NA	4)LE VAN ETTER Laylonie L.
Filing Date	:NA	5)PETERSEN Kurt H.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A converged network is described. The converged network includes a distributed antenna system hub coupled to the communication lines for wireless communications horizontal cabling to carry communication lines for wired communications and wireless communications and a remote socket. The horizontal cabling is a duct that carries the wired and wireless communication lines to convey the telecommunication signals within the building. The remote socket connects the wireless communication lines with a remote electronics unit. In addition one or more antennas can also be coupled to the remote socket to convey analog RF electrical radiation from the remote socket over adhesive backed coaxial cabling to the indoor environment.

No. of Pages : 85 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8741/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TEST AND CONNECTION APPARATUS ARRANGEMENT AND CONNECTION APPARATUS

(51) International classification :H01R9/26
(31) Priority Document No :20 2011 101 414.6
(32) Priority Date :03/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/059383
Filing Date :21/05/2012
(87) International Publication No :WO 2012/163713
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WEIDMLLER INTERFACE GMBH & CO. KG
Address of Applicant :Klingenbergstr. 16 32758 Detmold
Germany
(72)**Name of Inventor :**
1)HACKEMACK Frank
2)RICHTS Jrg
3)JASCHKE Bernhard

(57) Abstract :

The present invention relates to a test and connection apparatus arrangement having a test apparatus and having a connection apparatus for connecting electrical conductors wherein the test apparatus can be plugged into the connection apparatus and in the process disconnects an electrical connection between two contact lugs which are electrically in contact and wherein the test apparatus can be plugged into the connection apparatus from a top face of the connection apparatus and from a bottom face of the connection apparatus. The present invention also relates to a connection apparatus which is designed for connecting electrical conductors.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2013

(21) Application No.8742/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : DRAWER

(51) International classification :A47B88/00
(31) Priority Document No :10 2011 050 157.6
(32) Priority Date :06/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057625
Filing Date :26/04/2012
(87) International Publication No :WO 2012/152591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PAUL HETTICH GMBH & CO. KG
Address of Applicant :Vahrenkampstrae 12 16 32278
Kirchlengern Germany
(72)Name of Inventor :
1)MERTES Rolf
2)STELZER Christian
3)PRUTSCH Andree

(57) Abstract :

A drawer (1) having a front panel (2) a rear wall (3) and two side walls (4) wherein at least one side wall (4) has arranged above it an attachment frame (5) which consists of a hollow profile and is connected to the front panel (2) via an adjusting device (6) is designed such that the adjusting device (6) has a carrying part (8) which is fixed exclusively to the attachment frame (5) within the attachment frame (5) and a slide (9) which can be moved in the longitudinal direction of the attachment frame (5) by means of an actuator (10) and has a coupling part (12) wherein the coupling part (12) has a contour which corresponds to the clear cross section of the attachment frame (5) or to the outer contour of the attachment frame (5) and the longitudinal extent of the coupling part as seen in the direction of the longitudinal axis of the attachment frame (5) is greater than the maximum adjusting distance of the actuator (10) and wherein the coupling part (12) has its front panel end side butting flush against the front panel (2) and is secured in a force fitting and/or form fitting manner on a connecting part (7) fastened on the front panel (2) and covers over the connecting part (7).

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8745/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FITTING FOR A SLIDING DOOR

(51) International classification :E05D15/06
(31) Priority Document No :10 2011 050 395.1
(32) Priority Date :17/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/058851
Filing Date :14/05/2012
(87) International Publication No :WO 2012/156338
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HETTICH HEINZE GMBH & CO. KG
Address of Applicant :Industriestrae 83 87 32139 Spenge
Germany
(72)Name of Inventor :
1)NUTTELMANN Frank
2)MONTECCHIO Andreas
3)FELD Steffen
4)DOWE Michael
5)KUSCHEL Timo

(57) Abstract :

The invention relates to a fitting for a sliding door (3 4) in particular for furniture comprising at least one roller (8) that is rotatably mounted on a holder (15) and is supported on a rail (9) and a mounting element (6) to which a sliding door (3 4) can be secured. According to the invention a safety catch is provided on the holder (15) in order to secure the roller and prevent it from lifting away from the rail (9) wherein the safety catch comprises a rotatably mounted lever (10 10 10) having an actuating section (23) and a hook section (11) which in a securing position engages under a head section (12) of the rail (9). In this way it is ensured that the fitting is reliably secured whilst the structure remains compact.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8753/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification	:B60C5/14,C08L53/00	(71)Name of Applicant :
(31) Priority Document No	:2011108478	1)(1/2)SUMITOMO RUBBER INDUSTRIES LTD.
(32) Priority Date	:13/05/2011	Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku
(33) Name of priority country	:Japan	Kobe shi Hyogo 6510072 Japan
(86) International Application No	:PCT/JP2012/059075	(72)Name of Inventor :
Filing Date	:03/04/2012	1)SUGIMOTO Mutsuki
(87) International Publication No	:WO 2012/157353	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a pneumatic tire (1) provided with an inner liner (9) on the tire inward side of a carcass ply (6) mounted across a pair of bead sections (4) wherein the inner liner (9) is constituted by a first layer (PL1) disposed on the tire inward side and second layers (PL2 PL3) disposed so as to be in contact with a rubber layer of the carcass ply (6); the first layer (PL1) is a thermoplastic elastomer composition comprising a thermoplastic elastomer containing at least a styrene isobutylene styrene block copolymer or a SIBS denatured copolymer denatured with an oxychloride or an anhydride the styrene block part of which has unsaturated bonds; and at least an ultraviolet absorbing agent or an antioxidant; and the second layers (PL2 PL3) are a thermoplastic elastomer composition comprising at least a styrene isoprene styrene block copolymer or a styrene isobutylene block copolymer.

No. of Pages : 43 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8719/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR DISCHARGING LIQUID FROM A TANK OF A STRICKEN SHIP

(51) International classification	:B63C7/16,B63B27/24	(71)Name of Applicant :
(31) Priority Document No	:11/54183	1)JLMD ECOLOGIC GROUP
(32) Priority Date	:13/05/2011	Address of Applicant :26 boulevard Malesherbes F 75008
(33) Name of priority country	:France	Paris France
(86) International Application No	:PCT/FR2012/050728	(72)Name of Inventor :
Filing Date	:04/04/2012	1)LONGUEVE Gilles
(87) International Publication No	:WO 2012/156601	2)HALLOPEAU Roch
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This method for discharging liquid from a tank of a ship that is partially out of the water and has at least one technical access (3) comprises the steps of: opening this technical access introducing a rigid pipe (13) into the interior of the tank (1) through this technical access (3) placing inside this rigid pipe (13) a lift pump or suction pump (15) that can be without a delivery hose.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9153/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DYNAMIC FEATURE AWARE POWER MANAGEMENT

(51) International classification :H04W52/02

(31) Priority Document No :61/489957

(32) Priority Date :25/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/039192

Filing Date :23/05/2012

(87) International Publication No :WO 2012/162423

(61) 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)BARRETT Michael G.

2)LEE Jangwon

(57) Abstract :

This disclosure relates to reducing battery usage in handheld communication devices due to operation of variable managed features such as a location determination feature and other features that consume variable amounts of time and power. The techniques of this disclosure include dynamically managing a power budget allocated to one or more variable managed features of the handheld communication device based on power consumption over time by the variable managed features. More specifically the techniques include for each variable managed feature recalculating a frequency for performing power events based on an amount of remaining power after one or more power events. The techniques also include reallocating the power budget to the one or more variable managed features based on an amount of remaining power after one or more power events of the variable managed features a pre determined period of time or reaching a threshold level of power consumption jitter.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9154/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AMPLIFIER WITH IMPROVED NOISE REDUCTION

(51) International classification :H03F1/30,H03F3/72,H03F3/187
(31) Priority Document No :61/502,266
(32) Priority Date :28/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044702
Filing Date :28/06/2012
(87) International Publication No:WO 2013/012537 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)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)DHANASEKARAN Vijayakumar

(57) Abstract :

An amplifier with improved click and pop noise reduction is disclosed In one implementation an amplifier (100) is provided that includes a main output stage (106) configured to output an amplified signal at a main output terminal (112) a secondary output stage (108) configured to output a copy of the amplified signal at a secondary output terminal (116) and a signal coupler (118) configured to provide a variable resistance coupling between the secondary output terminal (116) and the main output terminal (112) to reduce click and pop noise at the main output terminal (112).

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9155/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPENSATED CURRENT CELL TO SCALE SWITCHING GLITCHES IN DIGITAL TO ANALOG CONVERTORS

(51) International classification :H03K17/16,H03M1/08,H03M1/74
(31) Priority Document No :13/110686
(32) Priority Date :18/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038714
Filing Date :18/05/2012
(87) International Publication No :WO 2012/159091
(61) 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)MCGOWAN Michael Joseph

(57) Abstract :

Compensated current cell to scale switching glitches in digital to analog convertors. A compensated current cell is disclosed that includes first and second switching transistors configured to switch an input current between first and second outputs based on first and second input signals respectively a first compensation transistor connected to the first input signal to provide a first compensation current that is connected to the second output and a second compensation transistor connected to the second input signal to provide a second compensation current that is connected to the first output the first and second compensation transistors having source terminals that are connected together. In another aspect switching glitches are scaled based on a size difference between the switching transistors and the compensation transistors.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9157/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN INTEGRATED CIRCUIT FOR TESTING USING A HIGH SPEED INPUT/OUTPUT INTERFACE

(51) International classification :G01R31/3185

(31) Priority Document No :61/498431

(32) Priority Date :17/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/042518

Filing Date :14/06/2012

(87) International Publication No :WO 2012/174281

(61) 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)ARSLAN Baris

2)LAISNE Michael

3)WILEY George Alan

4)SHIPPEE Geoffrey

(57) Abstract :

An integrated circuit configured for testing is described. The integrated circuit includes a high speed input/output interface. The integrated circuit also includes a test controller coupled to the high speed input/output interface. The integrated circuit further includes test circuitry coupled to the test controller. The test controller controls the test circuitry based on controller protocol test information from the high speed input/output interface.

No. of Pages : 69 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2013

(21) Application No.8666/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL PREPARATION TECHNIQUE FOR HIGHER ORDER STRUCTURE THAT EXHIBITS ANTI CELLULAR EFFECT

(51) International classification :C08F2/44,A61K9/14,A61K31/198
(31) Priority Document No :2011078781
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058354
Filing Date :29/03/2012
(87) International Publication No :WO 2012/133648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NanoCAME Co. Ltd.
Address of Applicant :4361 10 Totsukacho Totsuka ku
Yokohama shi Kanagawa 2440003 Japan
(72)Name of Inventor :
1)SHIROTAKE Shoichi

(57) Abstract :

Disclosed is a novel means whereby cyanoacrylate polymer particles that are more useful than conventional product as an antimicrobial agent antitumor agent or the like can be provided. This method for manufacturing cyanoacrylate polymer particles includes anionically polymerizing cyanoacrylate monomer in the presence of at least one type of compound selected from the group consisting of an amino acid a derivative thereof and an oligomer and polymer thereof and substantially in the absence of a saccharide or polysorbate. Cyanoacrylate nanoparticles conjugated with amino acid molecules demonstrate cytotoxic activity by specifically adhering to cells and effectively suppress the proliferation of cancer cells and bacteria. Manufacturing nanoparticles using this novel manufacturing method makes it possible to enhance the cytotoxic activity of the particles.

No. of Pages : 44 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9170/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HALOGEN ALKYL 1 3 OXAZINES AS BACE1 AND/OR BACE2 INHIBITORS

(51) International classification :C07D413/12,A61K31/5355,A61P25/28
(31) Priority Document No :11169007.9
(32) Priority Date :07/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/060457
Filing Date :04/06/2012
(87) International Publication No :WO 2012/168164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)F. HOFFMANN LA ROCHE AG
Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel
Switzerland
2)SIENA BIOTECH S.P.A
(72)Name of Inventor :
1)WOLTERING Thomas

(57) Abstract :

The present invention provides compounds of formula (I) having BACE1 and/or BACE2 inhibitory activity their manufacture pharmaceutical compositions containing them and their use as therapeutically active substances. The active compounds of the present invention are useful in the therapeutic and/or prophylactic treatment of e.g. Alzheimer s disease and type 2 diabetes.

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9191/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING AMINOPOLYCARBOXYLATES

(51) International classification	:C07C227/18,C07C229/16	(71)Name of Applicant :
(31) Priority Document No	:11167136.8	1)BASF SE
(32) Priority Date	:23/05/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/059126	1)BAUMANN Robert
Filing Date	:16/05/2012	2)BIEL Markus Christian
(87) International Publication No	:WO 2012/159952	3)FRANZKE Axel
(61) Patent of Addition to Application	:NA	4)OFTRING Alfred
Number	:NA	5)TEICH Friedhelm
Filing Date	:NA	6)KLINGELHOEFER Paul
(62) Divisional to Application Number	:NA	7)SCHR-TER Marie Katrin
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing aminopolycarboxylates starting from the corresponding polyalkanol amines by means of oxidative dehydration in the presence of a catalyst containing 1 to 90 wt.% copper with respect to the total weight of the catalyst using a base. The method is characterized in that the polyalkanol amine is first partially reacted into a reaction mixture containing the aminopolycarboxylate at a temperature ranging from 140 to 180 °C until at least 10 to 90 mol% of the polyalkanol amine is reacted. The reaction is then continued at an increased temperature.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9210/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OSTEOGENESIS PROMOTER

(51) International classification :A61K45/00,A61K38/00,A61K39/395
(31) Priority Document No :2011108642
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003113
Filing Date :11/05/2012
(87) International Publication No :WO 2012/157237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY
Address of Applicant :5 45 Yushima 1 chome Bunkyo ku
Tokyo 1138510 Japan
(72)Name of Inventor :
1)TAKAYANAGI Hiroshi
2)NEGISHI Takako

(57) Abstract :

The purpose of the present invention is to provide an osteogenesis promoter for directly promoting osteogenesis by osteoblasts and an agent for preventing and treating bone disease. The present invention is characterized in that a binding inhibitor substance of semaphorin 4D and plexin B1 is used. For the binding inhibitor substance suitable examples include anti semaphorin 4D antibody anti plexin B1 antibody and protein comprising the extracellular domain of plexin B1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9217/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : YARN WINDING DEVICE AUTOMATIC WINDER AND TEXTILE MACHINE

(51) International classification	:B65H63/02,B65H54/22	(71) Name of Applicant : 1)MURATA MACHINERY LTD. Address of Applicant :3 Minami Ochiai cho Kisshoin Minami ku Kyoto shi Kyoto 6018326 Japan
(31) Priority Document No	:2011093044	
(32) Priority Date	:19/04/2011	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2012/054463	(72) Name of Inventor : 1)TANIGAWA Yasunobu
Filing Date	:23/02/2012	
(87) International Publication No	:WO 2012/144267	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A winding unit (30) is a device for forming a package (P) by winding a yarn (Y) of a yarn supply bobbin (6). The winding unit (30) is provided with a bobbin support section (31) a winding section (32) and a strength measurement section (100). The bobbin support section (31) supports the yarn supply bobbin (6). The winding section (32) winds as the package (P) the yarn (Y) thereon the yarn (Y) being present on the yarn supply bobbin (6) supported by the bobbin support section (31). The strength measurement section (100) measures between the bobbin support section (31) and the winding section (32) the strength of the yarn (Y) having been pulled out of the yarn supply bobbin (6).

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8857/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS FOR CONTACTLESS TRANSMISSION OF ELECTRICAL ENERGY BETWEEN A WALL AND A DOOR LEAF/WINDOW SASH FASTENED TO SAID WALL

(51) International classification	:E05D11/00
(31) Priority Document No	:11167265.5
(32) Priority Date	:24/05/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/058125
Filing Date	:03/05/2012
(87) International Publication No	:WO 2012/159857
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. HAHN GMBH & CO. KG
Address of Applicant :Trompeterallee 162 170 41189
Mnchengladbach Wickrath Germany
(72)**Name of Inventor :**
1)HERGLOTZ Tibor
2)STEINFELD Ingo

(57) Abstract :

Apparatus for contactless transmission of electrical energy between a wall and a door leaf/window sash fastened to this wall in articulated fashion using hinges about a hinge axis (S) with a primary coil (1 10) which can be fastened to the wall with a secondary coil (2 9) which can be fastened to the leaf/sash and with a strip shaped bolt (3 103) acting as magnetic flux concentrating element between the primary coil (1 10) and the secondary coil (2 9) wherein the strip like bolt (3 103) comprises at least one flux element (4 4 ; 104 104) configured as a premanufactured component part and having end sides (18 19; 18 19 ; 118 119; 118 119) and at least one bearing piece (8 8 ; 108 108) having an opposing end side (17 17 ; 20 20 ; 117 117 ; 120 120) and at least one end side (18 19; 18 19 ; 118 119; 118 119) of the flux element (4 4 ; 104 104) is braced against an opposing end side (17 17 ; 20 20 ; 117 117 ; 120 120) of the bearing piece (8 8 ; 108 108).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9247/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : REDUCTION FURNACE

(51) International classification	:F27B3/08,C01B33/035	(71)Name of Applicant :
(31) Priority Document No	:10 2011 101 526.8	1)SMS SIEMAG AG
(32) Priority Date	:13/05/2011	Address of Applicant :Eduard Schloemann Strae 4 40237
(33) Name of priority country	:Germany	D/asseldorf Germany
(86) International Application No	:PCT/EP2012/052987	(72)Name of Inventor :
Filing Date	:22/02/2012	1)K-NIG Roland
(87) International Publication No	:WO 2012/156108	2)STRIEDER Detlef
(61) Patent of Addition to Application Number	:NA	3)DEGEL Rolf
Filing Date	:NA	4)WEYER Axel
(62) Divisional to Application Number	:NA	5)WEISCHEDEL Walter
Filing Date	:NA	

(57) Abstract :

The invention relates to a reduction furnace in particular for silicon production comprising a furnace casing (3) and a plurality of electrodes (1a 1b) in particular of a circular cross section which are arranged in the furnace casing in a defined arrangement in relation to one another in particular along an arc of a circle (2) wherein at least one of the electrodes (1a 1b) is formed as a bundle of electrodes comprising a number of individual electrodes (1a 1b) in particular as a double electrode.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9250/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ECHOGENIC SLEEVE

(51) International classification	:A61B8/08
(31) Priority Document No	:61/483098
(32) Priority Date	:06/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/036763
Filing Date	:07/05/2012
(87) International Publication No	:WO 2012/154667
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)W.L. GORE & ASSOCIATES INC.

Address of Applicant :551 Paper Mill Road P.O. Box 9206
Newark DE 19714 9206 U.S.A.

(72)Name of Inventor :

1)CULLY Edward H.

2)FLURY Keith M.

(57) Abstract :

Devices with enhanced visualization in ultrasound imaging are provided. An echogenically enhanced interventional device comprising: an interventional device to be imaged ultrasonically; and an echogenic polymeric sleeve with adjustable topography positioned adjacent to the interventional device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9251/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ECHOGENICALLY ENHANCED DEVICE

(51) International classification :A61L31/18,A61B8/08,A61K49/22
(31) Priority Document No :61/483094
(32) Priority Date :06/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036756
Filing Date :07/05/2012
(87) International Publication No :WO 2012/154661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)W.L. GORE & ASSOCIATES INC.
Address of Applicant :551 Paper Mill Road P.O. Box 9206
Newark DE 19714 9206 U.S.A.
(72)Name of Inventor :
1)CULLY Edward H.
2)FLURY Keith M.

(57) Abstract :
Devices with enhanced visualization in ultrasound imaging are provided.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9252/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR THE PREPARATION OF PALLADIUM(I) TRI TERT BUTYLPHOSPHINE BROMIDE DIMER AND PROCESS FOR ITS USE IN ISOMERIZATION REACTIONS

(51) International classification	:B01J31/24
(31) Priority Document No	:11005326.1
(32) Priority Date	:29/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/062268
Filing Date	:25/06/2012
(87) International Publication No	:WO 2013/000874
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UMICORE AG & CO. KG
Address of Applicant :Rodenbacher Chaussee 4 63457 Hanau
Wolfgang Germany
(72)**Name of Inventor :**
1)GOOSSEN Lukas
2)ARNDT Matthias
3)MAMONE Patrizia
4)GRUENBERG Matthias

(57) Abstract :

The invention provides a new method for the preparation of the dimeric Pd(I) tri tert. butylphosphine bromide complex characterized by the chemical formula $[Pd(\mu Br)(PBu)]$. The method is based on a comproportionation reaction in which a Pd(II) compound (= PdBr) is reacted with a Pd(0) compound (= Pd(PBu)) in organic solvents to yield the $[Pd(\mu Br)(PBu)]$ compound having the Pd atoms in the formal oxidation state +I. Unreacted PdBr may be reused in the process. The method is straightforward and applicable for industrial scale production and provides high product yields. Further a new process for the isomerization of allyl ethers of the general type $R C(O) O CH(R) C(R)=CH$ employing the compound $Pd\mu Br)(PBu)]$ as a catalyst is disclosed.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9134/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE DECODING METHOD IMAGE ENCODING METHOD IMAGE DECODING DEVICE
IMAGE ENCODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(51) International classification :H04N7/32
(31) Priority Document No :61/503074
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/004189
Filing Date :28/06/2012
(87) International Publication No :WO 2013/001818
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)Name of Inventor :
1)SUGIO Toshiyasu
2)NISHI Takahiro
3)SHIBAHARA Youji
4)TANIKAWA Kyoko
5)SASAI Hisao
6)MATSUNOBU Toru

(57) Abstract :

An image decoding method that decodes by block image data included in an encoded bit stream for each block and includes: a merge candidate acquisition step in which a fixed number of at least two merge candidates are obtained said merge candidates being candidates for the prediction direction motion vector and reference picture index referenced during decoding of the block to be decoded; and an index acquisition step in which an index for specifying the merge candidates for the block to be decoded is obtained from the encoded bit stream. The fixed number of at least two merge candidates comprise: at least one first candidate derived on the basis of the prediction direction motion vector and reference picture index used for decoding an adjacent block spatially or temporally adjacent to the block to be decoded; and at least one second candidate having a predetermined fixed value.

No. of Pages : 148 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9136/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPOSITE POWER GENERATION SYSTEM

(51) International classification :F02G5/00,F01K23/02,F01K25/10

(31) Priority Document No :2011-112013

(32) Priority Date :19/05/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/003266

Filing Date :18/05/2012

(87) International Publication No :WO 2012/157285 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)CHIYODA CORPORATION

Address of Applicant :4 6 2 Minatomirai Nishi ku Yokohama shi Kanagawa 2208765 Japan

(72)Name of Inventor :

1)HIROCHI Yoshiichi

2)MATSUMOTO Tadashi

3)HIRAI Toshihide

4)KANAI Toyomitsu

(57) Abstract :

To provide a composite power generation system the power generation efficiency of which is improved by effectively using the exhaust heat of a gas engine. [Solution] A composite power generation system comprises: a gas engine (2) in which BOG is used as a fuel; a first power generator (4) driven by the gas engine; a refrigerant turbine (3) in which a hydrocarbon based mixed refrigerant is used as a working fluid; a second power generator (5) driven by the refrigerant turbine; a refrigerant heater (31) for heating the mixed refrigerant by using a coolant for cooling the gas engine as a heat source; a thermal exchanger (11) for further heating the mixed refrigerant heated by the refrigerant heater by using the exhaust gas of the gas engine as a heat source; and a condenser (22) for condensing the mixed refrigerant discharged from the refrigerant turbine.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9138/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DIELECTRIC FLUIDS HAVING REDUCED STREAMER SPEED

(51) International classification :C10M133/28,C10M169/04,H01B3/18

(31) Priority Document No :61/492184

(32) Priority Date :01/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2012/060302
Filing Date :31/05/2012

(87) International Publication No :WO 2012/164039

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ABB RESEARCH LTD

Address of Applicant :Affolternstrasse 44 CH 8050 Zürich
Switzerland

(72)Name of Inventor :

1)UNGE Mikael

2)SINGHA Santanu

3)HESTAD Oystein

4)INGEBRIGTSEN Stian

5)SMALO Hans Sverre

6)...STRAND Per Olof

(57) Abstract :

The present invention relates to a liquid composition for electrical insulation comprising a dielectric fluid and an additive the additive being dissolved in the dielectric fluid and having a 1excitation energy which is lower than the 1 excitation energy of the dielectric fluid.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9262/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE DEVICE ACCESS OF LOCATION SPECIFIC IMAGES FROM A REMOTE DATABASE

(51) International classification	:H04W4/18,H04W4/02	(71)Name of Applicant :
(31) Priority Document No	:13/155835	1)QUALCOMM INCORPORATED
(32) Priority Date	:08/06/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/041427	(72)Name of Inventor :
Filing Date	:07/06/2012	1)FORUTANPOUR Babak
(87) International Publication No	:WO 2012/170739	2)GOODING Ted R.
(61) Patent of Addition to Application Number	:NA	3)BEDNAR David L.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods systems and devices are described for identifying images to a user. Mobile devices are used to provide position information that may be used to identify a set of images associated with the position information. The position information may include location ordinal direction and orientation information of the mobile device all of which can be used to identify an object or location where a user of the mobile device desires an image. A data store of images is queried to identify a set of images having location information similar to that provided by the mobile device. Images from the set of images are provided to the user such as through a display at the mobile device and/or a separate system such as a personal computer of the user. A user may select one or more images for local storage in some cases making a payment for the received image.

No. of Pages : 46 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8976/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUPERSONIC COMPRESSOR ROTOR AND METHOD OF COMPRESSING A FLUID

(51) International classification	:F04D19/02,F04D21/00	(71)Name of Applicant :
(31) Priority Document No	:13/117,878	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:27/05/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/039492	(72)Name of Inventor :
Filing Date	:25/05/2012	1)HOFER Douglas Carl
(87) International Publication No	:WO 2012/166564 A1	2)GOTTAPU Dhananjayarao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A supersonic compressor rotor. The supersonic compressor rotor includes a substantially cylindrical disk body (56) that includes an upstream surface (68) a downstream surface (70) and a radially outer surface (66) that extends generally axially between the upstream surface (68) and the downstream surface. The disk body defines a centerline axis (62). A plurality of vanes (54) are coupled to the radially outer surface. Adjacent vanes form a pair and are oriented such that a flow channel (88) is defined between each pair of adjacent vanes. The flow channel extends generally axially between an inlet opening (90) and an outlet opening (92). At least one supersonic compression ramp (112) is positioned within the flow channel. The supersonic compression ramp is selectively positionable at a first position (156) at a second position (158) and at any position therebetween.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9275/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OSCILLATING AMPLIFICATION REACTION FOR NUCLEIC ACIDS

(51) International classification :C12Q1/68,C12N15/11,C12Q1/48
(31) Priority Document No :61/477437
(32) Priority Date :20/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034589
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MESA TECH INTERNATIONAL INC.
Address of Applicant :2778 Agua Fria Bldg C Suite A Santa Fe NM 87507 U.S.A.
(72)**Name of Inventor :**
1)CAI Hong
2)COBB Nathan J.

(57) Abstract :

One embodiment of the present invention provides for a method for amplifying a template of nucleic acid target sequence contained in a sample. The method includes contacting the sample with an amplification reaction mixture containing a primer complementary to the template of nucleic acid target sequence. A temperature of the reaction is oscillated between an upper temperature and a lower temperature wherein the change in temperature is no greater than about 20°C during a plurality of temperature cycles. The template of nucleic acid target sequence is amplified.

No. of Pages : 80 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9278/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INSTALLATION AND METHOD FOR THE MILL DRYING AND STORAGE OF BROWN COAL

(51) International classification :B02C15/00,B02C23/18,B02C23/24
(31) Priority Document No :11166867.9
(32) Priority Date :20/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050433
Filing Date :12/01/2012
(87) International Publication No :WO 2012/159776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CLAUDIUS PETERS PROJECTS GMBH
Address of Applicant :Schanzenstrae 40 21614 Buxtehude
Germany
(72)Name of Inventor :
1)THIEL Jens Peter

(57) Abstract :

The invention relates to a method and to an installation (1) for the mill drying and storage of brown coal. According to the invention brown coal is ground into brown coal dust in an oxygen deficient atmosphere at temperatures which are higher than those in the prior art. Thereafter the brown coal dust is washed in an oxygen deficient dry second carrier gas and is stored in a silo in an oxygen deficient dry atmosphere at a temperature of above 60°C. The installation (1) according to the invention is designed for implementing the method according to the invention and comprises for the aforementioned method steps a mill (20) a dust washing installation (30) and a silo (40).

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9280/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECOMMENDING APPLICATIONS FOR MOBILE DEVICES BASED ON INSTALLATION HISTORIES

(51) International classification	:G06F9/445
(31) Priority Document No	:61/484125
(32) Priority Date	:09/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/037116
Filing Date	:09/05/2012
(87) International Publication No	:WO 2012/154848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GOOGLE INC.

Address of Applicant :1600 Amphitheatre Parkway Mountain View California 94043 U.S.A.

(72)Name of Inventor :

1)DEBONA Fabio

2)MEHTA Bhaskar

(57) Abstract :

Methods systems and apparatus including computer programs encoded on a computer storage medium for receiving installation data the installation data corresponding to one or more applications that can be installed and executed on mobile computing devices receiving metadata corresponding to each of the one or more applications for each application: generating a time series based on a number of installs processing the time series and the metadata calculating a score determining that the score is greater than or equal to a threshold score and in response to the determining adding the respective application to an index of trending applications storing the index of trending applications in computer readable memory retrieving the index of trending applications and transmitting indications of one or more applications for display based upon the index of trending applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8937/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SELECTIVE ADMISSION INTO A NETWORK SHARING SESSION

(51) International classification :H04W12/04
(31) Priority Document No :13/150784
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040610
Filing Date :01/06/2012
(87) International Publication No :WO 2012/167200
(61) 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 921211714 U.S.A.
(72)**Name of Inventor :**
1)RENSCHLER Martin H.
2)KIM Frederick D.
3)LUNDQVIST Patrick N.

(57) Abstract :

A system and method provide for the selective authorization and admission of a client into a data sharing session with a host. A host may select one or more clients into the sharing session based on the proximity of the clients. When a client is selected an identifier is provided from the client device to the host device for example utilizing an optical identifier such as a bar code or an audible identifier such as an encoded sound. The identifier is then utilized to establish a link between the client and the host. In this fashion any number of client devices may be selectively admitted into the sharing session in a quick and easy process enabling security for the host and anonymity for the client.

No. of Pages : 37 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8941/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SCANNING PROBE MICROSCOPE WITH COMPACT SCANNER

(51) International classification	:G01Q70/00,G01Q60/24	(71)Name of Applicant :
(31) Priority Document No	:13/068052	1)BRUKER NANO INC.
(32) Priority Date	:29/04/2011	Address of Applicant :112 Robin Hill Road Santa Barbara CA
(33) Name of priority country	:U.S.A.	93117 U.S.A.
(86) International Application No	:PCT/US2012/035628	(72)Name of Inventor :
Filing Date	:27/04/2012	1)PHAN Nghi
(87) International Publication No	:WO 2012/149453	2)MARKAKIS Jeff
(61) Patent of Addition to Application	:NA	3)KINDT Johannes
Number	:NA	4)MASSER Carl
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A scanner for a scanning probe microscope (SPM) including a head has a scanner body that houses an actuator and a sensor that detects scanner movement. The scanner body is removable from the head by hand and without the use of tools and has a total volume of less than about five (5) square inches. Provisions are made for insuring that movement of a probe device coupled to the scanner is restricted to be substantially only in the intended direction. A fundamental resonance frequency for the scanner can be greater than 10 kHz.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9310/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DIE FOR INSERT MOLDING AND METHOD FOR INSERT MOLDING OF COLLAR

(51) International classification :B29C33/12,B29C45/14,B29C45/26
(31) Priority Document No :2011124217
(32) Priority Date :02/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064329
Filing Date :01/06/2012
(87) International Publication No :WO 2012/165634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)YAZAKI CORPORATION
Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
1088333 Japan
(72)Name of Inventor :
1)ISHIKAWA Yoshinori
2)ONODA Shinya

(57) Abstract :

A die for insert molding is provided with a pair of dies (3 5) for molding a resin product (1) wherein collars (11 13) are insert molded on the internal surfaces of bolt insertion holes (7 9) and bushes (15 17) to be inserted in the collars (11 13). The die (3) is formed with bush insertion holes (19 21) to which the bushes (15 17) are to be slidably inserted. The die (5) is formed with a cavity (6) surrounding the collars (11 13). The bushes (15 17) are provided with upper portions (23 15) having cross sectional shapes corresponding to the internal cross sectional shapes of the collars (11 13) and bottom portions (27 29) having cross sectional shapes corresponding to the external cross sectional shapes of the collars (11 13) and the bushes are elastically biased toward the die (5).

No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9317/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MANUAL BREAST PUMP

(51) International classification	:A61M1/06
(31) Priority Document No	:2011096080
(32) Priority Date	:22/04/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/002747
Filing Date	:20/04/2012
(87) International Publication No	:WO 2012/144231
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PIGEON CORPORATION
Address of Applicant :4 4 Nihonbashi Hisamatsucho Chuo ku
Tokyo 1038480 Japan
(72)**Name of Inventor :**
1)YAMASHITA Daisuke
2)TASHIRO Mitsuo

(57) Abstract :

To provide a manual breast pump which can easily be assembled and disassembled for cleaning and with which the negative pressure produced by a lever type manipulation unit during pumping can easily be changed. [Solution] A manual breast pump equipped with: a storage container (11) for storing breast milk; a breast pump main body; and a manipulation unit (61) that is attached to the breast pump main body for the purpose of deforming a negative pressure producing member mounted on the breast pump main body. The manipulation unit (61) is in the form of a lever and is equipped with an engaging aperture (15) that engages an engaging part (38) as the part to be engaged on the breast pump main body (21) side. The engaging aperture (15) selectively engages engaging parts provided at multiple locations along the length of an elongated part which is raised as a support post and is one part of the negative pressure producing member.

No. of Pages : 66 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8769/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TWO COMPONENT COATING COMPOSITIONS

(51) International classification	:C08K5/00
(31) Priority Document No	:11160593.7
(32) Priority Date	:31/03/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/055091
Filing Date	:22/03/2012
(87) International Publication No	:WO 2012/130718
(61) 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)BRYM Markus

2)R-SCH Christine

3)HAAF Christina

4)STEINBRECHER Angelika Maria

5)SCH,,FER Harald

6)ELIZALDE Oihana

(57) Abstract :

The present invention relates to two component coating compositions which do not comprise any polyisocyanates or melamine formaldehyde resins as crosslinkers for curing.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8770/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLYOLEFIN RESIN COMPOSITION MOLDED BODY HAVING HIGH SCRATCH RESISTANCE

(51) International classification :C08L23/02,B32B15/085,B32B18/00
(31) Priority Document No :2011079377
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058612
Filing Date :30/03/2012
(87) International Publication No :WO 2012/133789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UBE INDUSTRIES LTD.
Address of Applicant :1978 96 Oaza Kogushi Ube shi
Yamaguchi 7558633 Japan
(72)Name of Inventor :
1)AKOU Tatsushi
2)KITA Yasuo
3)KASATANI Masuhiro

(57) Abstract :

To provide: a polyolefin resin composition which exhibits high scratch resistance when formed into a molded body or a coating layer; a molded body (especially a sheet like molded body) of the polyolefin resin composition; and a laminate in which a layer of the polyolefin resin composition is formed on the surface of a molded body. [Solution] A polyolefin resin composition which contains 1.1 6 parts by mass of a white titanium dioxide pigment and 0.1 5 parts by mass of a black pigment per 100 parts by mass of a polyolefin resin with the total of the white titanium dioxide pigment and the black pigment being 2.0 parts by mass or more; a polyolefin resin composition molded body which is obtained by molding the polyolefin resin composition; and a laminate in which a layer of the polyolefin resin composition is formed on the surface of a metal or ceramic molded body.

No. of Pages : 22 No. of Claims : 15

(54) Title of the invention : RIGID CORE

(51) International classification :B29D30/12,B29C33/02,B29C35/02
 (31) Priority Document No :2011139748
 (32) Priority Date :23/06/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/062822
 Filing Date :18/05/2012
 (87) International Publication No :WO 2012/176565
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SUMITOMO RUBBER INDUSTRIES LTD.

Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku
 Kobe shi Hyogo 6510072 Japan

(72)Name of Inventor :

1)ONIMATSU Hiroyuki

(57) Abstract :

A rigid core (1) is efficiently stably and very accurately assembled and disassembled without using a bolt. The rigid core (1) is provided with: a core body (3) comprising a plurality of core segments (9) divided in the circumferential direction of the tire; a cylindrical core (5) for preventing the movement of each core segment (9) toward the inside in the radial direction and inserted into the center hole of the core body (3); and a pair of side plates (6L 6U) for preventing the movement of each core segment (9) in the axial direction thereof by being positioned on both sides in the axial direction of the core body (3) and by sandwiching and holding the core body (3) between the inside surfaces thereof. A first dovetail part (16) is formed on the outer circumferential surface of the core (5) and a second dovetail part (17) for engaging with the first dovetail part (16) is formed on the inner circumferential surface of each core segment (9). The side plate (6L 6U) on one side is fixed to the end of the core (5) on one side thereof and the side plate (6L 6U) on the other side is detachably joined to the core (5) by a joining mechanism (23) having a ball lock mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9336/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RIGID CORE

(51) International classification :B29D30/12,B29C33/02,B29C35/02
(31) Priority Document No :2011139747
(32) Priority Date :23/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062802
Filing Date :18/05/2012
(87) International Publication No :WO 2012/176564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO RUBBER INDUSTRIES LTD.
Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku
Kobe shi Hyogo 6510072 Japan
(72)Name of Inventor :
1)ONIMATSU Hiroyuki

(57) Abstract :

A rigid core is efficiently stably and very accurately assembled and disassembled without using a bolt. The rigid core is provided with: a core body (3) comprising a plurality of core segments (9) divided in the circumferential direction of the tire; a cylindrical core (5) for preventing the movement of each core segment (9) toward the inside in the radial direction and inserted into the center hole of the core body (3); and a pair of side plates (6U 6L) for preventing the movement of each core segment (9) in the axial direction thereof by being positioned on both sides in the axial direction of the core body (3) and by sandwiching and holding the core body (3) between the inside surfaces thereof. A first dovetail part (16) is formed on the outer circumferential surface of the core (5) and a second dovetail part (17) for engaging with the first dovetail part (16) is formed on the inner circumferential surface of each core segment (9). The side plate (6U 6L) on one side is fixed to the end of the core (5) on one side thereof and the side plate (6U 6L) on the other side is equipped with a boss part (22) that projects therefrom and can be threaded into an internal thread (13) provided in the central hole of the core (5).

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8674/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : UNIVERSAL DEMAND RESPONSE REMOTE CONTROL FOR DUCTLESS SPLIT SYSTEM

(51) International classification	:H04Q9/00,H04L12/12	(71)Name of Applicant :
(31) Priority Document No	:13/092733	1)COOPER TECHNOLOGIES COMPANY
(32) Priority Date	:22/04/2011	Address of Applicant :600 Travis Suite 5600 Houston TX
(33) Name of priority country	:U.S.A.	77002 U.S.A.
(86) International Application No	:PCT/US2012/031808	(72)Name of Inventor :
Filing Date	:02/04/2012	1)ROGNLI Roger W.
(87) International Publication No	:WO 2012/145152	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A universal demand response remote control device for controlling a control unit of a ductless split air conditioning system. The remote control device includes a long distance communications module and includes a local communications module. The remote control device also includes a processor in electrical communication with the long distance communications module and the local communications module.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8678/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL HYDROFORMYLATION PROCESS

(51) International classification :C07F9/50,C07F15/00,C07B41/06
(31) Priority Document No :102011102666.9
(32) Priority Date :27/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/059841
Filing Date :25/05/2012
(87) International Publication No :WO 2012/163831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UMICORE AG & CO. KG
Address of Applicant :Rodenbacher Chaussee 4 63457 Hanau
Wolfgang Germany
(72)Name of Inventor :
1)ARLT Dieter

(57) Abstract :

The present invention relates to a process for producing 4 hydroxybutyraldehyde characterized in that allyl alcohol dissolved in polar solvents is reacted with CO and H in the presence of a catalytic system which is formed from a rhodium complex and a cyclobutane ligand which contains at least two trans coordinated 1 3 dialkylphenyl phosphinomethyl groups with the exclusion of catalysts which contain an aliphatic araliphatic or cycloaliphatic phosphine as ligand. In which R is alkyl preferably methyl ethyl or propyl R is H or an alkoxy group R and R independently of one another are H CHOR CHO aralkyl CHOH CH [P(3 5 R R 4 R phenyl)2] or CHO (CH CH O) H where m is a number from 1 to 1000.

No. of Pages : 9 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8679/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN IMPACT MECHANISM ROCK DRILL AND DRILL RIG COMPRISING SUCH IMPACT MECHANISM

(51) International classification	:B25D9/26,E21B1/26	(71)Name of Applicant :
(31) Priority Document No	:11503653	1)ATLAS COPCO ROCK DRILLS AB
(32) Priority Date	:27/04/2011	Address of Applicant :S 70191 –rebro Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050428	1)NILSSON Ulf
Filing Date	:24/04/2012	
(87) International Publication No	:WO 2012/148347	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an impact mechanism comprising a housing (32) with at least two stroke adjustment channels (18 19 20); an adjustment arrangement (31) with at least two adjustment pin channels (35 36 37 135 136 137) arranged to interact in a manner that can be selected with the stroke adjustment channels (18 19 20); and a hammer piston (1) that performs reciprocating motion in the housing (32) in order to impact repetitively onto an anvil (2) which hammer piston (1) has a stroke length that can be selected with the aid of adjustment pin channels (35 36 37 135 136 137) and the stroke adjustment channels (18 19 20). According to the invention the adjustment arrangement (31) comprises an elastic element (48) arranged to maintain the adjustment arrangement (31) in place for the stroke length that has been selected; and an operating means (34) arranged to select adjustment pin channel (35 36 37 135 136 137) and thus the stroke length of the hammer piston (1).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9392/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR THE CONTINUOUS TREATMENT OF SOLIDS IN A FLUIDISED BED APPARATUS

(51) International classification	:B01J2/16,B01J8/08,B01J8/18	(71)Name of Applicant :	
(31) Priority Document No	:10 2011 101 866.6	1)GLATT INGENIEURTECHNIK GMBH	
(32) Priority Date	:12/05/2011	Address of Applicant :Nordstrasse 12 99427 Weimar Germany	
(33) Name of priority country	:Germany	(72)Name of Inventor :	
(86) International Application No	:PCT/DE2012/000486	1)JACOB Michael	
Filing Date	:11/05/2012	2)B-BER Reinhard	
(87) International Publication No	:WO 2012/152258		
(61) Patent of Addition to			
Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application			
Number	:NA		
Filing Date	:NA		

(57) Abstract :

The invention relates to a device for continuously treating solids in a fluidised bed apparatus comprising a round process chamber with a solids inlet and a solids outlet and a distributor plate which is adapted to the inner contour of said process chamber and beneath which a media inlet is arranged to produce and maintain the fluidised bed. According to the invention on said distributor plate (1) there is a separating wall (2) that protrudes radially inwards from the process chamber (3 9) inner wall (10) and into said process chamber (3 9). The solids inlet (5) is located on one side close to the separating wall (2) and the solids outlet (6) is on the other side close to the separating wall (2). It is particularly advantageous to arrange on the distributor plate (1) and along the axis of the process chamber (9) a displacer element (8) that is connected to said separating wall (2). This has the advantage that in a process chamber that has a round cross section while the fluidised bed is also flat an evenly directed flow of solids in the horizontal direction is obtained over a longer distance. Such a device allows a narrow spectrum of residence time.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8922/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MASTER CYLINDER IN PARTICULAR FOR A CONTROLLED BRAKE SYSTEM

(51) International classification :B60T11/16,B60T11/20,B60T11/232
(31) Priority Document No :10 2011 075 359.1
(32) Priority Date :05/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/058280
Filing Date :04/05/2012
(87) International Publication No :WO 2012/150347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CONTINENTAL TEVES AG & CO. OHG
Address of Applicant :Guerickestrae 7 60488 Frankfurt
Germany
(72)Name of Inventor :
1)K-NIG Harald
2)DROTT Peter
3)JUNGMANN Udo
4)BISCHOFF Andreas

(57) Abstract :

The invention relates to a master cylinder in particular for a controlled brake system comprising at least one piston (46) which can be moved in a housing (2) and which is sealed with respect to a pressure chamber (7 8) by means of a sealing element (5 6) arranged in an annular groove (23 24) of the housing (2) which can be connected to a supply chamber (11 12) by means of control passages (51; 52; 53) formed in the piston (46). According to the invention the piston (46) comprises at least two parts having a main body (47) and an annular control element (48; 49; 50) wherein the control passages (51; 52; 53) are provided in the control element (48; 49; 50).

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8923/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OSTEOSYNTHESIS DEVICE WITH PLATE AND PINS

(51) International classification :A61B17/80
(31) Priority Document No :1154878
(32) Priority Date :06/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051125
Filing Date :21/05/2012
(87) International Publication No :WO 2012/168613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ATELIERS LAUMONIER SAS

Address of Applicant :11 rue du Chevinal F 95690 Nesles La Valle France

2)WORCEL Manuel

3)WORCEL Julia

4)WORCEL Marie

5)PAOLI Albert

6)PAOLI Myriam

7)PAOLI Edouard

8)PAOLI Jean

9)LOMBARDO FIAULT Bernard

10)LAUMONIER Alain

11)LAUMONIER Rmi

12)LAUMONIER Bruno

13)LAUMONIER Yves

14)LAUMONIER Nicolas

15)WORCEL Alexandre

(72)Name of Inventor :

1)WORCEL Alexandre

(57) Abstract :

The invention relates to an osteosynthesis device comprising on the one hand a plate (12) which can be adjusted along a bone element (10) and at least one pin (26) and on the other hand a locking bushing (30) for rigidly connecting said plate (12) and said at least one pin (26). Said locking bushing (30) has a screwable part (32) and a drive part (34) separated from each other by a breakable zone (38) said screwable part having axial slits (44) that form notches (50). Said breakable zone (38) is intended to be broken in order to free said screwable zone (32) from said drive part (34). Said axial slits (44) extend into said breakable zone (38) so as to be able to fragment said screwable part (32) into independent notches (50) when said breakable zone (38) is broken in order to be able to adjust the relative position of said notches (50) around said at least one pin (26).

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8925/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES

(51) International classification :C07C17/10,C07C17/25,C07C19/01
(31) Priority Document No :61/491802
(32) Priority Date :31/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038595
Filing Date :18/05/2012
(87) International Publication No :WO 2012/166393
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.
(72)Name of Inventor :
1)TIRTOWIDJOJO Max Markus
2)KRUPER William J. Jr.
3)FISH Barry
4)LAITAR David Stephen

(57) Abstract :

Processes for the production of chlorinated propenes are provided. The present processes make use of a feedstream comprising 1 2 dichloropropane a by product in the production of chlorohydrin as a low cost starting material alone or in combination with 1 2 3 trichloropropane. Selectivity of the process is enhanced over conventional processes employing successive chlorinations and/or dehydrochlorinations by conducting at least one chlorination in the presence of an ionic chlorination catalyst. The present processes may also generate anhydrous HCl as a byproduct that can be removed from the process and used as a feedstock for other processes providing further time and cost savings.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9424/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING ACRYLAMIDE

(51) International classification :C12P13/02,C07C231/06,C07C233/09
(31) Priority Document No :2011-121849
(32) Priority Date :31/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063728
Filing Date :29/05/2012
(87) International Publication No :WO 2012/165415 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)Mitsubishi Rayon Co. Ltd.
Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku
Tokyo 1008253 Japan
(72)Name of Inventor :
1)KANOU Makoto
2)NIWA Kiyonobu

(57) Abstract :

The present invention relates to a method for producing acrylamide by supplying a starting material water to a reactor supplying acrylonitrile to the reactor and hydrating the acrylonitrile using a biological catalyst. This method for producing acrylamide is characterized in that the temperature of the starting material water supplied to the reactor is set to a temperature that is not less than the freezing point and is lower than the reaction temperature by 5°C or more. Consequently the present invention is able to provide a low cost method for producing acrylamide wherein the reaction heat during the hydration reaction of acrylonitrile can be efficiently removed.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8763/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TONER AND IMAGE FORMING APPARATUS

(51) International classification	:G03G9/08,G03G9/087	(71)Name of Applicant :
(31) Priority Document No	:2011097867	1)Ricoh Company Ltd.
(32) Priority Date	:26/04/2011	Address of Applicant :3 6 Nakamagome 1 chome Ohta ku
(33) Name of priority country	:Japan	Tokyo 1438555 Japan
(86) International Application No	:PCT/JP2012/061623	(72)Name of Inventor :
Filing Date	:25/04/2012	1)ISHIKAWA Yoshimichi
(87) International Publication No	:WO 2012/147988	2)KADOTA Takuya
(61) Patent of Addition to Application	:NA	3)MIKURIYA Yoshihiro
Number	:NA	4)NOZAKI Tsuyoshi
Filing Date	:NA	5)FUWA Kazuoki
(62) Divisional to Application Number	:NA	6)FUKAO Tomohiro
Filing Date	:NA	7)MIKI Tomoharu

(57) Abstract :

A toner including: toner particles each including a toner base particle and an external additive attached thereon where the toner base particle includes a binder resin and a colorant wherein the toner base particles each have protrusions on a surface thereof an average of lengths of long sides of the protrusions is 0.10µm or more but less than 0.50µm a standard deviation of the lengths of the long sides of the protrusions is 0.2 or less a coverage rate of the protrusions on the surface of the toner base particle is 10% to 90% and the external additive includes fine inorganic particles whose surfaces have been treated with an amino group containing silane coupling agent.

No. of Pages : 116 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2013

(21) Application No.9428/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR ENHANCING FERTILITY AND/OR INHIBITING PREGNANCY FAILURE AND RESTORING GLUCOSE TOLERANCE

(51) International classification :A61K31/436,A61P15/08,A61P3/00
(31) Priority Document No :61/519848
(32) Priority Date :31/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000506
Filing Date :31/05/2012
(87) International Publication No :WO 2012/162796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUEENS UNIVERSITY AT KINGSTON
Address of Applicant :Kingston Ontario K7L 3N6 Canada
(72)Name of Inventor :
1)KAN Frederick W.K.
2)ALBAGHDADI Ahmad J.H.

(57) Abstract :

Methods and compositions for enhancing fertility and/or inhibiting pregnancy failure restoring glucose tolerance and/or preventing glucose intolerance and/or maintaining glucose homeostasis and/or inducing or enhancing weight loss treating dyslipidemia treating hypertestosteronism or hyperandrogenism and/or treating type 2 diabetes in an individual in need thereof are provided. These involve compositions that inhibit expression of interferon gamma (IFN) or a downstreamIFN stimulated gene which is preferably a macrolide immunosuppressant compound.

No. of Pages : 100 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9430/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POSITION NOTIFICATION APPARATUS VEHICLE POSITION NOTIFICATION METHOD ONBOARD UNIT VEHICLE POSITION CALCULATION METHOD AND PROGRAM AND VEHICLE POSITION CALCULATION SYSTEM

(51) International classification :G08G1/09,G01C21/28,G08G1/04
(31) Priority Document No :2011155574
(32) Priority Date :14/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067845
Filing Date :12/07/2012
(87) International Publication No :WO 2013/008888
(61) 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 HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
1088215 Japan

(72)**Name of Inventor :**
1)OKAZAKI Takuma
2)NAKAYAMA Hiroyuki

(57) Abstract :

According to the present invention a laser sensor detects a vehicle and a beacon notifies an onboard unit via wireless communication about the time of detection at which the laser sensor detected the vehicle and a correction reference position for correction as a position at which the vehicle existed at the detection time. The onboard unit calculates a position at which the vehicle exists at each point in time on the basis of the distance travelled by the vehicle and corrects the calculated position on the basis of the detection time received from the beacon and the correction reference position.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9439/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLID OXIDIZED GLUTATHIONE SALT AND METHOD FOR PRODUCING SAME

(51) International classification :C07K5/093,A23L1/305,A61K8/64
(31) Priority Document No :2011146574
(32) Priority Date :30/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066510
Filing Date :28/06/2012
(87) International Publication No :WO 2013/002317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KANEKA CORPORATION
Address of Applicant :3 18 Nakanoshima 2 chome Kita ku
Osaka shi Osaka 5308288 Japan
(72)Name of Inventor :
1)MOURI Taku
2)TAOKA Naoaki
3)MOROSHIMA Tadashi
4)KINOSHITA Koichi

(57) Abstract :

A solid oxidized glutathione salt is produced by heating oxidized glutathione to at least 30°C while bringing the oxidized glutathione into contact with an aqueous medium composed of water and/or a water soluble medium in the presence of a substance capable of generating at least one type of cation selected from ammonium cations calcium cations and magnesium cations so as to produce a salt of the oxidized glutathione and the cation as a solid.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9441/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING PNEUMATIC TIRE

(51) International classification :B29C33/02,B29C35/02,B29D30/08
(31) Priority Document No :2011108481
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054941
Filing Date :28/02/2012
(87) International Publication No :WO 2012/157310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO RUBBER INDUSTRIES LTD.
Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku
Kobe shi Hyogo 6510072 Japan
(72)Name of Inventor :
1)UESAKA Kenichi
2)SUGIMOTO Mutsuki

(57) Abstract :

This method for producing a pneumatic tire (1) contains: a step for preparing a polymer laminate comprising a first layer which has a thickness of 0.05 0.6 mm and comprises a styrene isobutylene styrene triblock copolymer and a second layer which has a thickness of 0.01 0.3 mm and comprises an epoxidized styrene butadiene styrene triblock copolymer; a step for forming a green tire wherein the polymer laminate has been pasted to the inside of a tire as an inner liner (9); a step for disposing the green tire in a die and vulcanizing the tire while pressurizing by means of a bladder; and a step for cooling the vulcanized tire for 10 300 seconds at 50 120°C.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9035/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : ABE FERMENTATION METHOD COMPRISING PRODUCT ABSORPTION THROUGH ISOPHORON

(51) International classification :C12P7/06,C12P7/16,C12P7/28
(31) Priority Document No :10 2011 077 705.9
(32) Priority Date :17/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/061141
Filing Date :13/06/2012
(87) International Publication No :WO 2012/171929
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EVONIK DEGUSSA GMBH
Address of Applicant :Rellinghauser Strae 1 11 45128 Essen
Germany
(72)**Name of Inventor :**
1)NITZ Jrg Joachim
2)GRUND Gerda
3)BECKER Franz Ulrich
4)STIER Patrick

(57) Abstract :

The invention relates to a method comprising the following method steps: A) providing an aqueous solution comprising microorganisms producing low molecular organic compounds; B) introducing at least one gas or gas mixture into the aqueous solution; C) recovering the gas flow through a compound comprising an isophoron; and optionally D) separating the low molecular organic compound from the composition comprising the isophoron.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9036/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING CARBON FILLERS HAVING COVALENTLY BONDED AMINO GROUPS

(51) International classification	:C09C1/56,C01B31/02
(31) Priority Document No	:11166537.8
(32) Priority Date	:18/05/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/059113
Filing Date	:16/05/2012
(87) International Publication No	:WO 2012/156442
(61) 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)WIGBERS Christof W.

2)BRINKS Marion Kristina

3)MELDER Johann Peter

(57) Abstract :

The invention relates to a method for producing carbon fillers having covalently bonded amino groups by reacting a mixture which contains carbon fillers and alkali and/or alkaline earth metals and/or amides thereof in liquid water free ammonia optionally together with an inert solvent at temperatures of 35 to 500 °C and a pressure of 30 to 250 bar.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9447/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COWL FASTENING STRUCTURE

(51) International classification :B62J23/00,F16B2/18,F16B5/06
(31) Priority Document No :2011119127
(32) Priority Date :27/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003219
Filing Date :17/05/2012
(87) International Publication No :WO 2012/164852
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan
2)NIFCO INC.
(72)Name of Inventor :
1)INOUE Yusuke
2)ABE Yotaro
3)NAOI Hajime

(57) Abstract :

A cowl fastening structure for fastening two cowl members together using a clip is configured so that the structure has increased strength and facilitates fastening work. [Solution] A cowl fastening structure (1) is used to fasten a first cowl (2) and a second cowl (3) together using a clip (30). The first cowl has a first wall (13) protruding therefrom the first wall (13) having a first through hole (15). The second cowl has a second wall (21) protruding from an edge section (6) thereof the second wall (21) having a second through hole (26). The clip is provided with a first member (31) and a second member (32) which are connected to each other so as to be pivotable relative to each other. An engagement hole (39) is formed in the first member. An engagement claw (44) protrudes from the second member. The cowl fastening structure is characterized in that the first wall and the second wall are disposed so as to face each other the first member is disposed in such a manner that the front end (37) thereof passes through the first through hole and the second through hole the second member extends around the first wall and the second wall the front ends of the first member and the second member are disposed close to each other and the engagement hole and the engagement claw engage with each other.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9449/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRIAZINNYLAMINOSTILBENE DISULPHONIC ACID MIXTURES

(51) International classification	:C07D
(31) Priority Document No	:02405565.9
(32) Priority Date	:05/07/2002
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2003/06789
Filing Date	:26/06/2003
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2737/CHENP/2004
Filed on	:26/06/2003

(71)**Name of Applicant :**
1)CLARIANT INTERNATIONAL LTD.
Address of Applicant :ROTHAUSSTRASSE 61, MUTTENZ
4132 Switzerland
(72)**Name of Inventor :**
1)CUESTA, FABIENNE
2)METZGER, GEORGES
3)NAEF, ROLAND
4)ROHRINGER, PETER
5)TRABER, RAINER, HANS

(57) Abstract :

According to the present invention, a laser sensor detects a vehicle and a beacon notifies an onboard unit via wireless communication about the time of detection at which the laser sensor detected the vehicle and a correction reference position for correction as a position at which the vehicle existed at the detection time. The onboard unit calculates a position at which the vehicle exists at each point in time on the basis of the distance travelled by the vehicle, and corrects the calculated position on the basis of the detection time received from the beacon and the correction reference position.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.946/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF MITIGATING ADVERSE DRUG EVENTS USING OMEGA 3 FATTY ACIDS AS A PARENTERAL THERAPEUTIC DRUG VEHICLE

(51) International classification :A61K47/12,A61K47/14,A61K9/00
(31) Priority Document No :12/923257
(32) Priority Date :10/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001567
Filing Date :12/09/2011
(87) International Publication No :WO 2012/033538
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STABLE SOLUTIONS LLC
Address of Applicant :551 Mills Way Goleta California 93117 U.S.A.
(72)Name of Inventor :
1)DRISCOLL David F.

(57) Abstract :

A method of parenterally administering a composition the method including parenterally administering to a person a composition including at least one omega 3 fatty acid and at least one drug wherein the at least one omega 3 fatty acid source and the at least one drug are administered simultaneously.

No. of Pages : 75 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9264/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR COMMUNICATING ADVERTISING CONTROL INFORMATION

(51) International classification	:H04N
(31) Priority Document No	:13/116964
(32) Priority Date	:26/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/039297
Filing Date	:24/05/2012
(87) International Publication No	:WO 2012/162474
(61) 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)STEPHENS Arthur
2)JAYARAM Ranjith S.
3)TSIRTSIS Georgios
4)PARK Vincent D.
5)WU Zhibin

(57) Abstract :

Various embodiments are directed to the transmission e.g. broadcast of identification information and corresponding control information in discovery signals by a wireless communications device as part of a discovery process. In some embodiments the identifier identifies one of: an advertisement a user or a module. In one embodiment the identifier identifies an advertisement and the corresponding control information communicates a bid factor used in determining the value of a bid for an ad display opportunity. In another embodiment the identifier identifies a dynamically modifiable advertisement and the corresponding control information communicates information that is used to set and/or modify the dynamically modifiable portion of the advertisement. In still another embodiment the identifier identifies a user and the control information communicates status information. In yet another embodiment the identifier identifies a module e.g. a software application and the control information communicates a command for the module to perform a particular operation.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9265/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING AN OPTICAL NETWORK UNIT TO RESTART UPON COMPLETION OF DOWNLOADING NEW SOFTWARE

(51) International classification	:H04J14/02
(31) Priority Document No	:201110161000.6
(32) Priority Date	:15/06/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2012/001447
Filing Date	:15/06/2012
(87) International Publication No	:WO 2012/172431
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Alcatel Lucent

Address of Applicant :3 avenue Octave Grard F 75007 Paris
France

(72)Name of Inventor :

1)LUO Haijun

2)ZHANG Wenlin

3)LI Lin

4)XU Yijun

(57) Abstract :

The invention provides a method and apparatus for controlling an optical network unit to restart upon completion of downloading new software. Upon completion of downloading a new software version an optical network terminal firstly determines a type of an active image request to be transmitted based upon stored values of a RstDelay TimeRange attribute and of a RstDelayTrafficThreshold attribute corresponding to the optical network unit and then transmits the active image request to the optical network unit. The determined active image request may be a first active image request to instruct the optical network unit to immediately restart and activate the new software version that has been downloaded or may be a second active image request to instruct the optical network unit to set an activation flag and a third active image request to instruct the optical network unit to immediately restart both of which are used in combination.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9487/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMIDAZOLE DERIVATIVE

(51) International classification :C07D487/04,A01N43/90,A01P21/00
(31) Priority Document No :2011099456
(32) Priority Date :27/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060989
Filing Date :24/04/2012
(87) International Publication No :WO 2012/147750
(61) 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)KAWAGISHI Hirokazu
2)CHOI Jae Hoon

(57) Abstract :

The purpose of the present invention is to provide a compound that can regulate growth of plants. A compound selected from the group consisting of (A) and (B) has plant growth regulating activity. (A) 3H imidazo[4 5 d] [1 2 3]triazin 4 6(5H 7H) dione (B) 3 methyl 3H imidazo[4 5 d] [1 2 3]triazin 4 6(5H 7H) dione

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9491/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE DECODING METHOD IMAGE ENCODING METHOD IMAGE DECODING DEVICE
IMAGE ENCODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(51) International classification :H04N7/26
(31) Priority Document No :61/501954
(32) Priority Date :28/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/004061
Filing Date :22/06/2012
(87) International Publication No :WO 2013/001765
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)Name of Inventor :
1)SASAI Hisao
2)NISHI Takahiro
3)SHIBAHARA Youji
4)SUGIO Toshiyasu
5)TANIKAWA Kyoko
6)MATSUNOBU Toru

(57) Abstract :

An image decoding method according to one embodiment of the present invention comprises: a context control step (S204) in which a context to be used for a block to be processed is determined from a plurality of contexts; and an arithmetic decoding step (S210) in which the determined context is used to arithmetically decode a bit string corresponding to the block to be processed. In the context control step (S204) if the signal classification of a control parameter is a first type the context is selected using a condition whereby the control parameters of the left side adjacent block and upper adjacent block of the block to be processed are employed (S206) and if the signal classification of the control parameter is a second type the context is determined using a condition whereby the control parameter of the upper block is not employed (S207). The second type is no_residual_data_flag.

No. of Pages : 113 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9339/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HOUSEHOLD SYSTEM FOR MANAGING AN INTERNET ACCESS CONNECTION

(51) International classification :H04L12/24,H04L29/14,H04L12/56
(31) Priority Document No :1154572
(32) Priority Date :26/05/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050979
Filing Date :03/05/2012
(87) International Publication No :WO 2012/160283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VOLTALIS
Address of Applicant :10 rue Lincoln F 75008 Paris France
(72)Name of Inventor :
1)HEINTZ Bruno
2)OURY Jean Marc
3)LEFEBVRE DE SAINT GERMAIN Hugues
4)BIVAS Pierre
5)BINEAU Mathieu

(57) Abstract :

The present invention relates to a household system for managing an access connection to the Internet network (9) wherein at least one computer (80) can access the Internet via a main household connection (8). According to the invention the system comprises means (83) capable of detecting a failure to connect to the Internet network (9) by said main household connection (8) and of controlling an automatic switch over to an auxiliary connection including a driver package (5) of a system for measurement and real time modulation of the electricity consumption of a plurality of electrical devices (2) said driver package (5) being capable of accessing the Internet network (9) via a wireless telephone packet type connection (6).

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9341/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR ENCODING VIDEO IMAGE METHOD AND DEVICE FOR DECODING VIDEO IMAGE AND PROGRAM THEREFOR

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:2011141724	1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION
(32) Priority Date	:27/06/2011	Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008116 Japan
(86) International Application No	:PCT/JP2012/066010	(72)Name of Inventor :
Filing Date	:22/06/2012	1)MATSUO Shohei
(87) International Publication No	:WO 2013/002144	2)BANDOY Yukihiro
(61) Patent of Addition to Application Number	:NA	3)TAKAMURA Seishi
Filing Date	:NA	4)JOZAWA Hirohisa
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to reduce the prediction error energy in motion compensation inter screen prediction and improve encoding efficiency this video image encoding method employing motion compensation with decimal accuracy involves: a step of acquiring a motion vector by performing motion estimation; a step of calculating reference probabilities of decimal pixel positions as indicated by the acquired motion vector; a step of separating interpolation positions which are the decimal pixel positions into a plurality of groups on the basis of the calculated reference probabilities; a step of selecting for each said group of interpolation positions an interpolation filter coefficient to be used for creating an interpolation prediction image from among a plurality of interpolation filter coefficient candidates; a step of creating for each said group of interpolation positions said interpolation prediction image by using the selected interpolation filter coefficient and performing encoding from said interpolation prediction image by employing said motion compensation with decimal accuracy; and a step of encoding information indicating the grouping of said interpolation positions and information indicating which interpolation filter coefficient is to be used in each said group of interpolation positions.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9498/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : ACOUSTIC STRING INSTRUMENT

(51) International classification :G10D1/00,G10D1/08,G10D3/00

(31) Priority Document No :13/107940

(32) Priority Date :15/05/2011

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/IB2012/000949

Filing Date :15/05/2012

(87) International Publication No:WO 2012/156803

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MILTIMORE Michael

Address of Applicant :1305 Battle St. Kamloops British
Columbia V2C 2N9 Canada

(72)Name of Inventor :

1)MILTIMORE Michael

(57) Abstract :

A sliding saddle system and a method of constructing a chordophone instrument comprising an underblock in slidable engagement with the bridge plate. A connector is located between the saddle and the underblock allowing the underblock to slide into position on the bridge plate until the connector is tightened thereby locating the saddle on the sound board.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9515/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

(51) International classification	:H04N7/32
(31) Priority Document No	:2011125473
(32) Priority Date	:03/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/059168
Filing Date	:04/04/2012
(87) International Publication No	:WO 2012/165039
(61) 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)SATO Kazushi

(57) Abstract :

Provided is an image processing device provided with: a prediction unit that when performing intra prediction that is on the basis of a dynamically constructed prediction function in order to avoid or mitigate an increase in processing cost necessary to construct the prediction function generates a predicted value for the chroma of a pixel of a decoded image using a function of the value of the corresponding luma; a coefficient calculation unit that calculates the coefficients of the function used by the prediction unit by referring to the neighboring pixels of the block to which the pixel belongs; and a control unit that controls the ratio of the number of reference pixels used by the coefficient calculation unit to the block size of the block.

No. of Pages : 109 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9236/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TRIPEPTIDES INCORPORATING DEUTERIUM AS INHIBITORS OF HEPATITIS C VIRUS

(51) International classification :C07D401/12,A61K31/4725,A61P31/14
(31) Priority Document No :61/490665
(32) Priority Date :27/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/039090
Filing Date :23/05/2012
(87) International Publication No :WO 2012/166459
(61) 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 COMPANY
Address of Applicant :Route 206 and Province Line Road
Princeton New Jersey 08543 4000 U.S.A.
(72)Name of Inventor :
1)SUN Li Qiang
2)SCOLA Paul Michael

(57) Abstract :

Hepatitis C virus inhibitors having the general formula (I) [INSERT CHEMICAL STRUCTURE HERE] are disclosed. Compositions comprising the compounds and methods for using the compounds to inhibit HCV are also disclosed.

No. of Pages : 46 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9239/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PREPARATION OF POLYACRYLATES BY EMULSION POLYMERIZATION

(51) International classification :C08F220/06,C08F220/18,A61K8/81
(31) Priority Document No :11168919.6
(32) Priority Date :07/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058416
Filing Date :08/05/2012
(87) International Publication No :WO 2012/168015
(61) 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)ANGEL Maximilian
2)H-SSEL Peter

(57) Abstract :

The present invention relates to a process for the preparation of polymers comprising carboxyl groups by emulsion polymerization and the use of the polymers obtainable by this process for example as thickeners. Moreover the invention relates to thickener dispersions obtainable by the process and to the use thereof for modifying the rheology of paper coating slips textile printing pastes drugs cosmetic preparations detergents cleansing compositions or foods.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9240/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING CLEAN STEELS AND CLEAN STEEL PRODUCED THEREBY

(51) International classification :C21C7/076,C21C7/06,C21C7/00
(31) Priority Document No :11167992.4
(32) Priority Date :27/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059881
Filing Date :25/05/2012
(87) International Publication No :WO 2012/163849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL NEDERLAND TECHNOLOGY BV
Address of Applicant :PO Box 10000 3G.37 NL 1970 CA
Ijmuiden Netherlands
(72)**Name of Inventor :**
1)TIEKINK Wouter Karel
2)VAN DER KNOOP Willem

(57) Abstract :

Method of producing clean steel by means of an oxygen converter process or an electric furnace to produce a molten steel wherein the molten steel is further processed in a secondary steelmaking process characterised in that the secondary steelmaking process involves the addition of additive alloying elements which are liquid at the moment of addition to the molten steel.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9242/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POSITIONING METHOD

(51) International classification :E21B47/09,G01N27/72
(31) Priority Document No :11173403.4
(32) Priority Date :11/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063534
Filing Date :11/07/2012
(87) International Publication No :WO 2013/007739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)WELLTEC A/S

Address of Applicant :Gydevang 25 DK 3450 Allerød
Denmark

(72)Name of Inventor :

1)HALLUNDBØK Jørgen

2)FRANCKE Mathias

(57) Abstract :

The invention relates to a positioning method for determining a position of a downhole tool moving at a velocity in a casing in a well comprising the steps of measuring a magnitude and/or direction of a magnetic field by means of a first sensor several times over a time period while moving along a first part of the casing manufactured from metal determining a manufacturing pattern of the casing along the first part from the measurement measuring a magnitude and/or direction of a magnetic field by means of the first sensor several times over a time period while moving along a second part of the casing manufactured from metal determining the velocity of the tool along the second part adjusting the determined velocity of the tool along the second part based upon the manufacturing pattern.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9522/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPOSITION CONTAINING A PESTICIDE AND AN ACETAL SOLVENT

(51) International classification :A01N25/02,A01N43/40,A01N43/42
(31) Priority Document No :11164327.6
(32) Priority Date :29/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057575
Filing Date :25/04/2012
(87) International Publication No :WO 2012/146623
(61) 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)KLINGELHOEFER Paul
2)SCHNABEL Gerhard
3)PELZER Ralf
4)SPIEGLER Wolfgang

(57) Abstract :

The invention relates to an agrochemical composition containing a pesticide and a solvent of formula (B) as described below. The invention further relates to a method for producing the composition by bringing the pesticide and the solvent in contact with one another; to a use of the solvent of formula (B) as a solvent for pesticides; to methods for controlling phytopathogenic fungi and/or undesired plant growth and/or undesired insect or mite infestation and/or for regulating the growth of plants wherein the composition is allowed to act on the respective pests the habitat thereof or the plants to be protected from the respective pest the ground and/or undesired plants and/or the useful plants and/or the habitat thereof. The invention further relates to seeds containing the composition.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9539/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIFT SHAFT TERMINATION WITH A LIFT MONITORING ARRANGEMENT

(51) International classification :B66B13/30,B66B11/00
(31) Priority Document No :11168023.7
(32) Priority Date :30/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059798
Filing Date :25/05/2012
(87) International Publication No :WO 2012/163813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :Seestrasse 55 CH 6052 Hergiswil
Switzerland

(72)Name of Inventor :

1)TEIXEIRA PINTO DIAS Manuel

(57) Abstract :

The invention relates to a door frame (14) of a lift shaft termination (1) which separates a lift shaft (11) of a building from a storey (9) of the building. A lift monitoring arrangement (18 28 38 48) is arranged in a chamber (16) of the door frame (14) wherein the lift monitoring arrangement (18 28 38 48) contains a lift control unit (20) and at least one power electronics unit (21) for operating a lift motor.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9145/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM BASE STATION MOBILE STATION AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04W74/08,H04W72/04,H04W72/12
(31) Priority Document No :2011133065
(32) Priority Date :15/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065419
Filing Date :15/06/2012
(87) International Publication No :WO 2012/173250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)**Name of Inventor :**
1)KISHIYAMA Yoshihisa

(57) Abstract :

Provided are a wireless communication system a base station a mobile station and a wireless communication method by which control time before the transmission of uplink data becomes possible can be shortened to provide faster user experiences when the amount of the uplink data is small. A base station (100) transmits collision type access permission to a plurality of mobile stations the collision type access permission including information of a collision type access channel which is a wireless resource other than the wireless resource allocated in response to a scheduling request and which is a wireless resource that can be used by the plurality of mobile stations to transmit uplink data. A mobile station (200A) transmits uplink data to the base station using the collision type access channel on the basis of the collision type access permission received from the base station.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9146/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND APPLICATION SERVER DEVICE

(51) International classification :H04W68/00,H04L12/56,H04W4/16
(31) Priority Document No :2011-108859
(32) Priority Date :13/05/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2012/062052
Filing Date :10/05/2012
(87) International Publication No :WO 2012/157528 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)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)Name of Inventor :
1)KOSHIMIZU Takashi
2)TANAKA Itsuma

(57) Abstract :

This mobile communication method has: a step wherein when an S CSCF in an IMS receives an incoming signal addressed to a UE the S CSCF transmits to an SCC AS in the IMS an incoming signal containing call type information indicating that the incoming signal is voice communication or AV communication; a step wherein the SCC AS transmits to an HSS a query signal containing the call type information; and a step wherein the SCC AS decides a domain for forwarding the incoming signal in response to the call type information and a response signal to the query signal received from the HSS.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9147/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SCREW

(51) International classification	:F16B25/00
(31) Priority Document No	:12165334.9
(32) Priority Date	:24/04/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/056230
Filing Date	:25/03/2013
(87) International Publication No	:WO 2013/160043
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NEDSCHROEF FRAULAUTERN GMBH
Address of Applicant :Klosterstr. 13 66740 Saarlouis Germany
(72)**Name of Inventor :**
1)EGELE Jean Joseph
2)WENDELS Jrg Michael

(57) Abstract :

The invention relates to a self tapping screw (1) consisting of a low strength non ferrous material having a screw body (3) which is provided at least in regions with a coating (5) wherein the coating (5) is formed from an elastomer or polymer material enriched with fillers.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9148/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING RESIN COMPOSITE MATERIAL AND RESIN COMPOSITE MATERIAL

(51) International classification :C08J3/20,C08K3/04,C08L101/00

(31) Priority Document No :2011-228558

(32) Priority Date :18/10/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/076430

Filing Date :12/10/2012

(87) International Publication No :WO 2013/058181 A1

(61) Patent of Addition to :NA

Application Number :NA

Filing Date

(62) Divisional to Application :NA

Number :NA

Filing Date

(71)Name of Applicant :

1)SEKISUI CHEMICAL CO. LTD.

Address of Applicant :4 4 Nishitemma 2 chome Kita ku Osaka shi Osaka 5308565 Japan

(72)Name of Inventor :

1)SAWA Kazuhiro

2)TSUMURA Kensuke

3)INUI Nobuhiko

4)TAKAHASHI Katsunori

5)TANIGUCHI Koji

(57) Abstract :

Provided are a method for producing a resin composite material which has a carbon material having a graphene structure dispersed in a synthetic resin and which has high mechanical strength and a resin composite material obtained by the method. A method for producing a resin composite material in which a carbon material having a graphene structure is uniformly dispersed in a synthetic resin selected from the group consisting of crystalline resin and non crystalline resin the method for producing a resin composite material comprising if the synthetic resin is a crystalline resin shear kneading the crystalline resin and the carbon material in a shear kneading device at a temperature less than the melting point of the crystalline resin and if the synthetic resin is a non crystalline resin shear kneading the non crystalline resin and the carbon material in a shear kneading device at a temperature near the Tg of the crystalline resin; and a resin composite material obtained by the aforementioned production method.

No. of Pages : 44 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9149/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WEB INTEGRATED POINT OF SALE SYSTEM

(51) International classification	:G06Q30/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2011/037376
Filing Date	:20/05/2011
(87) International Publication No	:WO 2012/161678
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IMIDUS TECHNOLOGIES INC.
Address of Applicant :10855 Fairfax Blvd. Third Floor Fairfax
Virginia 22030 U.S.A.
(72)**Name of Inventor :**
1)IM Sung Bin

(57) Abstract :

System for synchronizing and integrating the reservation data order data and ecommerce data gift card data and/or loyalty points data residing in a POS device with that of a merchant s website and synchronizing data residing in a website database to the POS device is disclosed. The system includes a POS device to host a POS application the POS application having a POS database layer and a web server to host a website application the website application including a website database layer. Web server hosts a publicly accessible website and the website application processes data inputs in the website into the website database layer and the POS application communicates with the website application to harmonize the website database layer and the POS database layer via Internet protocols. The system can be used to integrate a restaurant or other merchant s POS reservation ordering and e commerce systems with those provided via the website.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9256/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR IMPROVING NFC ACTIVATION AND DATA EXCHANGE REPORTING MECHANISMS

(51) International classification	:G06K7/00,H04B5/00	(71)Name of Applicant :
(31) Priority Document No	:61/491788	1)QUALCOMM INCORPORATED
(32) Priority Date	:31/05/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/040293	(72)Name of Inventor :
Filing Date	:31/05/2012	1)HILLAN John
(87) International Publication No	:WO 2012/166977	2)ODONOGHUE Jeremy R.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Aspects disclosed herein relate to improving reporting NFC RF technology usage in activation and data exchange for a NFC device. In an example with a NFC device a NFCC may be configured to obtain a first radio frequency (RF) technology and mode value a second RF technology and mode value and one or more RF specific parameters associated with a remote near field communication (NFC) device during an activation phase of a communication link using a first NFC RF technology. In an aspect the one or more RF specific parameters and the first NFC RF technology may be based on the first RF technology and mode value. Further the NFCC may be configured to configure communications to be supported by a second NFC RF technology for use during a data exchange phase of the communication link. In an aspect the second NFC RF technology may be based on the second RF technology and mode value.

No. of Pages : 36 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9257/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MULTIPATH RATE ADAPTATION

(51) International classification	:H04L29/06
(31) Priority Document No	:13/155762
(32) Priority Date	:08/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/041426
Filing Date	:07/06/2012
(87) International Publication No	:WO 2012/170738
(61) 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)HUANG Xiaolong
2)RAVEENDRAN Vijayalakshmi R.
3)LUO Xun
4)BHAMIDIPATI PhaniKumar K.
5)SHETH Soham V.

(57) Abstract :

An end to end multimedia streaming system can include a streaming server and a destination. The streaming server includes a content source which sends multiple description coding encoded content over a plurality of paths to the destination. The destination includes an aggregator for aggregating the descriptions from the multiple paths decoding and recombining them to recover the content. A feedback sender at the destination generates traffic performance variables based on the channel conditions of the multiple paths and sends these variables to a feedback receiver at the streaming server. The feedback receiver utilizes the feedback information to make adjustments to the transmissions of the content and to synchronize the transmissions over the multiple paths.

No. of Pages : 42 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9258/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ADCACHE SPACE AUCTIONS BASED ON DIFFERENTIAL CONTEXT

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:13/116855	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/05/2011	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/039305	(72)Name of Inventor :
Filing Date	:24/05/2012	1)STEPHENS Arthur
(87) International Publication No	:WO 2012/162479	2)JAYARAM Ranjith S.
(61) Patent of Addition to Application Number	:NA	3)TSIRTSIS Georgios
Filing Date	:NA	4)PARK Vincent D.
(62) Divisional to Application Number	:NA	5)WU Zhibin
Filing Date	:NA	

(57) Abstract :

In some embodiments in an exemplary advertising system multiple bidders compete for ad cache space on devices which display ads. The bidders are e.g. advertisers ad networks and/or loyalty program providers. The devices which store and display the ads are e.g. mobile and/or stationary wireless communications devices. An individual bidder is provided with contextual information that is of relevance to the individual bidder. The contextual information is about the device onto which ads may be loaded. Different bidders may be and sometimes are supplied with different restricted information. Various embodiments are directed to a methods and apparatus for operating an ad broker system.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9566/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MEDICAMENT ADMINISTRATION

(51) International classification	:A61M5/14,A61M5/20	(71) Name of Applicant :
(31) Priority Document No	:11169857.7	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:14/06/2011	Address of Applicant :Brüningstrasse 50 65929 Frankfurt am
(33) Name of priority country	:EPO	Main Germany
(86) International Application No	:PCT/EP2012/061052	(72) Name of Inventor :
Filing Date	:12/06/2012	1)DEBERADINE Robert
(87) International Publication No	:WO 2012/171885	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system comprises a pad and an injection device. A first side of the pad is configured to be attached to a skin of a user; the pad is provided with coded information; the injection device is configured to read the coded information from the pad when the injection device is brought into proximity of or contact with the pad; the injection device is configured to determine whether the coded information on the pad meets a predetermined criterion; and the injection device is configured to respond to a positive determination by autoinjecting medicament through the pad into the user permitting medicament administration or indicating to the user that medicament administration is appropriate. The pad and the injection device also are separate aspects.

No. of Pages : 42 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8991/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : GROUND FAULT PROTECTION

(51) International classification :H02H3/17,H02H7/06,G01R31/34
(31) Priority Document No :11168202.7
(32) Priority Date :31/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059587
Filing Date :23/05/2012
(87) International Publication No :WO 2012/163756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ABB SCHWEIZ AG

Address of Applicant :Brown Boveri Strasse 6 CH 5400
Baden Switzerland

(72)Name of Inventor :

1)CALLSEN Andreas

(57) Abstract :

The present invention is concerned with a robust ground fault protection system having a reduced sensitivity to system noise. In a ground fault protection system for an electrical machine such as a generator an injection signal with an injection frequency is applied to the electrical machine in order to generate a periodic bias voltage on a conductor of the electrical machine and a response signal thereto is evaluated. The injection frequency is adapted i.e. adjusted or selected depending on a system quantity or system property of the electrical machine that is indicative of system noise interfering with or superposing the response signal. Hence a static predetermined choice of the injection frequency is abandoned in favour of a flexible approach respective of a most recent value of a system quantity of the electrical machine which ultimately results in increased stability and reliability of the ground fault protection system.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8996/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TENSIONER

(51) International classification	:F16G11/12,F16B7/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2011/075605
Filing Date	:07/11/2011
(87) International Publication No	:WO 2013/069081
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TERANISHI Ryouhei

Address of Applicant :64 1Kawabe gyoudenSippo choAma
city Aichi 4970013 Japan

(72)Name of Inventor :

1)TERANISHI Ryouhei

(57) Abstract :

Provided is a tensioner which has a simple configuration can be easily attached to the intermediate position of a brace installed with less slack and can be easily tightened. [Solution] A tensioner is configured from: a shaft body which has a first engagement section formed at one end thereof and also has a threaded section formed thereon so as to extend from the other end to a shaft section; a tube body which holds the shaft body with clearance provided between the tube body and the shaft body and which has a second engagement section attached to the side of the tube body; and a nut which is mounted to the threaded section so as to be in contact with the other end side of the tube body and which adjusts the distance of separation between the first engagement section and the second engagement section. The clearance is provided between the tube body and the shaft body and an imaginary line which connects the two engagement sections and the axis of the shaft body are tilted relative to each other. Preferably the first engagement section is a hook claw and the front end thereof is bent sideward.

No. of Pages : 52 No. of Claims : 7

(54) Title of the invention : CYLINDER DEVICE WITH FORCE MULTIPLIER

(51) International classification :F15B15/14,B23Q3/06,F15B15/26
 (31) Priority Document No :2011199971
 (32) Priority Date :26/08/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/003214
 Filing Date :16/05/2012
 (87) International Publication No :WO 2013/031061
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KOSMEK LTD.

Address of Applicant :1 5 Murotani 2 chome Nishi ku Kobe shi Hyogo 6512241 Japan

(72)Name of Inventor :

1)YOKOTA Hideaki**2)YONEZAWA Keitaro**

(57) Abstract :

A first piston (10) is inserted into a housing (2) so as to be capable of moving up and down while remaining sealed. A second piston (20) is inserted into the cylinder hole (14) of the first piston (10) so as to be capable of moving up and down while remaining sealed and an output rod (26) protrudes from the second piston (20) toward the upper part of the housing (2). A lock chamber (40) and a release chamber (42) are formed respectively below and above the first piston (10) and the second piston (20). A force multiplication mechanism (52) is arranged within the housing (2) such that the force with which the pressure fluid supplied to the lock chamber (40) presses the first piston (10) upward is converted and multiplied and is transmitted to the second piston (20). Furthermore a switching mechanism (54) is arranged within the housing (2) so as to selectively link the first piston (10) to the housing (2) and the second piston (20).

No. of Pages : 44 No. of Claims : 11

(54) Title of the invention : A MEMORY CONTROLLER AND METHOD OF OPERATION OF SUCH A MEMORY CONTROLLER

(51) International classification	:G06F13/16
(31) Priority Document No	:13/067775
(32) Priority Date	:24/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2012/051203
Filing Date	:29/05/2012
(87) International Publication No	:WO 2012/175929
(61) 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)CAMPBELL Michael Andrew

2)WRIGLEY Christopher Edwin

3)FEERO Brett Stanley

(57) Abstract :

A memory controller is provided for controlling access to a memory device of the type having a non uniform access timing characteristic. The memory controller has an interface for receiving transactions issued from at least one transaction source each transaction specifying the memory address to be accessed for that transaction and including a priority indication associated with that transaction. A buffer is used to temporarily store as pending transactions those transactions received by the interface that have not yet been issued to the memory device the buffer maintaining a plurality of ordered lists for the stored pending transactions including at least one priority based ordered list and at least one access timing ordered list. Each priority based ordered list has a number of entries each entry being associated with one of the pending transactions and each entry being ordered within its priority based ordered list based on the priority indication of the associated pending transaction. Each access timing ordered list has a number of entries with each entry being associated with one of the pending transactions and with the pending transactions associated with each access timing ordered list forming a group of transactions whose memory addresses can be efficiently accessed by the memory device once the memory address of one transaction in the group has been accessed. Arbitration circuitry performs an arbitration operation during which the plurality of ordered lists are referenced so as to select from the pending transactions a winning transaction to be issued to the memory device. Any entry for the winning transaction is then removed from the plurality of ordered lists. If when the arbitration operation is performed the previously selected winning transaction had an entry in a particular access timing ordered list and that access timing ordered list is still non empty the arbitration operation is arranged in the absence of a predetermined exception condition to select as the winning transaction one of the pending transactions having an entry in that access timing ordered list. Such an approach allows a balance to be achieved between reordering of transactions to improve memory access times whilst ensuring that the priority of the various transactions is taken into account.

No. of Pages : 55 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9163/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SALMONELLA DETECTION ARTICLES AND METHODS OF USE

(51) International classification :C12Q1/04
(31) Priority Document No :61/488492
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037701
Filing Date :14/05/2012
(87) International Publication No :WO 2012/161992
(61) 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
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)MACH Patrick A.
2)REIF WENNER Mara S.

(57) Abstract :

An article for detecting Salmonella microorganisms is provided. The article comprises a highly selective nutrient medium and a plurality of indicator systems. A method of using the article to detect Salmonella microorganisms is also provided.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9164/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SMOKING ARTICLE WRAPPER

(51) International classification	:A24D1/02
(31) Priority Document No	:1108475.3
(32) Priority Date	:20/05/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2012/058627
Filing Date	:10/05/2012
(87) International Publication No	:WO 2012/159887
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
Address of Applicant :Globe House 1 Water Street London WC2R 3LA U.K.
(72)**Name of Inventor :**
1)HOLFORD Steven
2)McKENZIE Aaron

(57) Abstract :

A smoking article such as a cigarette 1 has a wrapper in the form of a tube 5 that has lines of weakness 10 formed e.g. by laser cutting on the inside to define an array of visually discernable facets 12 on the outside.

No. of Pages : 18 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9165/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RAILCAR COUPLER KNUCKLE CORES AND KNUCKLES PRODUCED BY SAID CORES

(51) International classification :B61G3/04

(31) Priority Document No :13/112965

(32) Priority Date :20/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/037952

Filing Date :15/05/2012

(87) International Publication No :WO 2012/162030

(61) Patent of Addition to Application :NA

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BEDLOE INDUSTRIES LLC

Address of Applicant :2711 Centerville Road Suite 300 PMB
#8033 Wilmington DE 19808 U.S.A.

(72)Name of Inventor :

1)NIBOUAR F. Andrew

2)SMERECKY Jerry R.

3)DAY Kelly

4)MAKARY Vaughn

5)SALAMASICK Nick

(57) Abstract :

A core assembly for forming the interior spaces of a railcar coupler knuckle has a first transition section (62) between the C 10 portion (50) of the core and the finger portion (48) of the core. The first transition section (62) has a first side (82) a second side (84) a third side (88) and a fourth side (90) and the first and second sides form the vertical axis (86) of the first transition section (62) and the third and fourth sides form the horizontal axis (92) of said first transition section (62). The vertical axis (86) of the first transition section (62) has a height along a horizontal plane of the vertical axis (86) of at least 2.5 and the horizontal axis (92) of said first transition section (62) has a width along a vertical plane of the horizontal axis (92) of at least 0.925.

No. of Pages : 46 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9167/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN INTEGRATED CIRCUIT ENABLING THE COMMUNICATION OF DATA AND A METHOD OF COMMUNICATING DATA IN INTEGRATED CIRCUIT

(51) International classification	:H03K19/177
(31) Priority Document No	:13/186,415
(32) Priority Date	:19/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/031656
Filing Date	:30/03/2012
(87) International Publication No	:WO 2013/012462 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)XILINX INC.
Address of Applicant :2100 Logic Drive San Jose CA 95124
U.S.A.
(72)**Name of Inventor :**
1)COLLINS Anthony J.

(57) Abstract :

An integrated circuit enabling the communication of data is described. The integrated circuit comprises an input/output port (604); a plurality of data converter circuits (802); and programmable interconnect circuits (804) coupled between the input/output port and the plurality of data converter circuits the programmable interconnect circuits enabling a connection of the plurality of data converter circuits to the input/output port of the integrated circuit. A method of enabling the communication of data in an integrated circuit is also described.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9168/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INTERLOCK FEATURE FOR RAILCAR CORES

(51) International classification :B22C9/02,B22C9/10,B61G3/04
(31) Priority Document No :13/112882
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037980
Filing Date :15/05/2012
(87) International Publication No :WO 2012/162034
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71) **Name of Applicant :**
1)BEDLOE INDUSTRIES LLC.
Address of Applicant :2711 Centerville Road Suite 300 Pmb
#8033 Wilmington DE 19808 U.S.A.
(72) **Name of Inventor :**
1)NIBOUAR F. Andrew
2)SMERECKY Jerry R.
3)DAY Kelly
4)MAKARY Vaughn
5)SALAMASICK Nick

(57) Abstract :

An interlock feature for railcar core comprises a lug on a first core a slot on a second core a first positive stop surface and a second positive stop surface.

No. of Pages : 43 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9169/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RAILCAR COUPLER KNUCKLE CORES WITH REAR CORE SUPPORT

(51) International classification :B61G3/04
(31) Priority Document No :13/112903
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037949
Filing Date :15/05/2012
(87) International Publication No :WO 2012/162029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BEDLOE INDUSTRIES LLC
Address of Applicant :2711 Centerville Road Suite 300 PMB
#8033 Wilmington DE 19808 U.S.A.
(72)Name of Inventor :
1)NIBOUAR F. Andrew
2)SMERECKY Jerry R.
3)DAY Kelly
4)MAKARY Vaughn
5)SALAMASICK Nick

(57) Abstract :

A core assembly for creating interior spaces in a railcar coupler knuckle is designed to be set in a cavity with cope and drag sections. The cavity is shaped to form a railcar coupler knuckle and includes a first wall that forms the substantially vertical outside wall of the tail of the knuckle. The core includes a kidney section (50) with a rear core support section (156) that extends at least 0.5 outside the first wall of the cavity when the core is set in the drag.

No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9594/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PARAFFINIC OIL AND CLASS B GIBBERELLIN BIOSYNTHESIS INHIBITOR COMPOSITIONS

(51) International classification :A01N61/02,A01N43/653,A01N47/02
(31) Priority Document No :61/493291
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050374
Filing Date :04/06/2012
(87) International Publication No :WO 2012/162844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUNCOR ENERGY INC.
Address of Applicant :P.O. Box 2844 150 6 Avenue S.W.
Calgary Alberta T2P 3E3 Canada
(72)**Name of Inventor :**
1)FEFER Michael
2)LIU Jun

(57) Abstract :

This disclosure features combinations that include a paraffinic oil and a Class B gibberellin biosynthesis inhibitor. The combinations can further include (but are not limited to) one or more of the following: one or more emulsifiers one or more pigments one or more silicone surfactants one or more anti settling agents and water. This disclosure also features methods of using the combinations for promoting health of a plant (e.g. turf grass) as well as methods of formulating combinations that include both oil and water as oil in water (O / W) emulsions.

No. of Pages : 68 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9291/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : GAS WIPING DEVICE

(51) International classification	:C23C2/20,C23C2/40	(71)Name of Applicant :
(31) Priority Document No	:2011104089	1)NIPPON STEEL & SUMIKIN ENGINEERING CO. LTD.
(32) Priority Date	:09/05/2011	Address of Applicant :Osaki Center Building 5 1 Osaki 1
(33) Name of priority country	:Japan	chome Shinagawa ku Tokyo 1418604 Japan
(86) International Application No	:PCT/JP2012/061644	2)NS PLANT DESIGNING CORPORATION
Filing Date	:07/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/153702	1)WAKABAYASHI Hisamoto
(61) Patent of Addition to Application	:NA	2)KATSUBE Makoto
Number	:NA	3)NISHIKAWA Hiroshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a gas wiping device provided with a gas wiping nozzle which sprays a gas onto the surface of the steel strip to adjust the amount of a molten metal for plating which adheres to said surface said gas wiping device having excellent overcoat and splash suppression at the ends of the steel strip in the width direction. This gas wiping device (10) is provided in a gas wiping nozzle (1) with a slit (1a) which extends in the width direction of a steel strip (K) and sprays a gas from a hollow space and with gas inlets (1e) for introducing the gas into the hollow space; in the slit (1a) are provided left and right blocking members (2 2) which freely slide and block the left and right regions of said slit and a gas outlet port (1a) is formed between the left and right blocking members (2 2); in the hollow space are provided left and right rectifier pieces (1c 1c) which extend from the outlet port side ends (2a 2a) of the left and right blocking members (2 2) to a partition wall (1d) forming a gas flow path (GR) between the left and right rectifier pieces (1c 1c) wherein the width of the gas outlet port (1a) and the width of the gas flow path (GR) are the same.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9293/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPLEX OXIDE METHOD FOR PRODUCING SAME AND EXHAUST GAS PURIFICATION CATALYST

(51) International classification :B01J23/10,B01D53/86
(31) Priority Document No :2011123011
(32) Priority Date :01/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063587
Filing Date :28/05/2012
(87) International Publication No :WO 2012/165363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RHODIA OPERATIONS
Address of Applicant :40 rue de la Haie Coq F 93306
Aubervilliers France
(72)Name of Inventor :
1)OHTAKE Naotaka
2)MITSUOKA Keiichiro
3)YOKOTA Kazuhiko

(57) Abstract :

Provided are: a complex oxide that exhibits high redox ability even at low temperatures has superior heat resistance and stably maintains the characteristics thereof even after repeating oxidation/reduction at a high temperature; a method for producing the complex oxide; and an exhaust gas purification catalyst. The complex oxide contains: Ce; a rare earth metal element including Y but not including Ce; Al and/or Zr; and Si; and contains Ce and the other elements aside from Ce and Si at a mass ratio in terms of the oxide in the range of 85:15 99:1 and performing temperature programmed reduction (TPR) measurement from 50°C to 900°C at a rate of temperature rise of 10°C/minute in a 10% hydrogen 90% argon atmosphere and then performing oxidation processing for 0.5 hours at 500°C has the characteristic of exhibiting a reduction rate of at least 2.0% at 400°C or lower calculated from the result of performing TPR measurement again.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9297/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPLEX OXIDE METHOD FOR PRODUCING SAME AND EXHAUST GAS PURIFICATION CATALYST

(51) International classification :B01J23/10,B01D53/86,F01N3/10
(31) Priority Document No :2011123010
(32) Priority Date :01/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063586
Filing Date :28/05/2012
(87) International Publication No :WO 2012/165362
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RHODIA OPERATIONS
Address of Applicant :40 rue de la Haie Coq F 93306
Aubervilliers France
(72)Name of Inventor :
1)OHTAKE Naotaka
2)MITSUOKA Keiichiro
3)YOKOTA Kazuhiko

(57) Abstract :

Provided are: a complex oxide that exhibits high redox ability even at low temperatures has superior heat resistance and stably maintains the characteristics thereof even when repeating oxidation/reduction at a high temperature; a method for producing the complex oxide; and an exhaust gas purification catalyst. The complex oxide contains over 0 and no greater than 20 parts by mass of Si in terms of SiO for every total of 100 parts by mass in terms of the oxides of rare earth metal elements including Ce and performing a temperature programmed reduction (TPR) measurement from 50°C to 900°C at a rate of temperature rise of 10°C/minute in a 10% hydrogen 90% argon atmosphere and then performing oxidation processing for 0.5 hours at 500°C has the characteristic of exhibiting a reduction rate of at least 1.5% at 400°C or under calculated from the results of performing the TPR measurement again.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9298/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RELAY DEVICE

(51) International classification	:H04L27/00
(31) Priority Document No	:2011107046
(32) Priority Date	:12/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/062320
Filing Date	:14/05/2012
(87) International Publication No	:WO 2012/153859
(61) 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)KAGEYAMA Tokunori

2)MIYAMOTO Hiroaki

(57) Abstract :

This relay device relays transmittance of information in between a wired communication line and a wireless communication line. The relay device is provided with a modulation unit for modulating information to be transmitted into an electrical signal and a control unit for controlling operation of the modulation unit. The control unit controls the modulation method of the modulation unit depending on traffic of the wired communication line.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9027/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : BASE STATION DEVICE MOBILE TERMINAL DEVICE COMMUNICATION SYSTEM AND COMMUNICATION METHOD

(51) International classification :H04J11/00,H04B7/04,H04J99/00
(31) Priority Document No :2011103069
(32) Priority Date :02/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052979
Filing Date :09/02/2012
(87) International Publication No :WO 2012/150664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)Name of Inventor :
1)KISHIYAMA Yoshihisa
2)TAKEDA Kazuaki
3)NAGATA Satoshi
4)ABE Tetsushi

(57) Abstract :

Provided are a base station device mobile terminal device communication system and communication method which can accommodate for insufficient downlink control channel capacity . The base station device is configured such that at a mobile terminal device that receives a downlink signal using a resource area for a downlink control signal and a resource area for a downlink data signal multiple virtual resources for a downlink control signal are set in multiple physical resources that are arranged in the frequency direction in the resource area for the downlink data signal and the downlink control signal is allocated in a distributed manner between the virtual resources on the relatively lower frequency band side and the virtual resources on the relatively higher frequency band side among the multiple virtual resources.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9028/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : USER DEVICE AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W36/30,H04W52/02,H04W72/04
(31) Priority Document No :2011103846
(32) Priority Date :06/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061577
Filing Date :01/05/2012
(87) International Publication No :WO 2012/153683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)Name of Inventor :
1)NAKAMORI Takeshi
2)ISHII Hiroyuki

(57) Abstract :

Downlink wireless quality is measured in an appropriate manner when multicarrier transmission is performed. This user device (UE) is equipped with a measurement unit (25) configured so as to perform a measurement process in a PCC and an SCC and the measurement unit (25) is configured to perform a measurement process in an SCC only outside a receiving interval set for every DRX cycle when DRX control is applied in a PCC.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9029/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR INHIBITING NON SPECIFIC REACTION IN PIVKA II MEASUREMENT REAGENT

(51) International classification	:G01N33/543,G01N33/53	(71)Name of Applicant :
(31) Priority Document No	:2011114776	1)SEKISUI MEDICAL CO. LTD.
(32) Priority Date	:23/05/2011	Address of Applicant :13 5 Nihonbashi 3 chome Chuo ku
(33) Name of priority country	:Japan	Tokyo 1030027 Japan
(86) International Application No	:PCT/JP2012/063220	2)EIDIA Co. Ltd.
Filing Date	:23/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/161226	1)MATSUMOTO Takuji
(61) Patent of Addition to Application	:NA	2)YAMAMOTO Mitsuaki
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The problem to be solved by the present invention is to inhibit a non specific coagulation reaction in a coagulation test using a monoclonal antibody having a property of binding to PIVKA II specifically a monoclonal antibody having a property of binding to prothrombin specifically and two types of carrier particles respectively carrying the monoclonal antibodies thereon. The non specific coagulation reaction can be inhibited by adding a specific bivalent metal ion to a reaction solution containing a monoclonal antibody having a property of binding to PIVKA II specifically a monoclonal antibody having a property of binding to prothrombin specifically and two types of carrier particles respectively carrying the monoclonal antibodies thereon.

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9621/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EFFICIENT HALOGEN LAMP

(51) International classification :H01K1/24
(31) Priority Document No :13/159965
(32) Priority Date :14/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041841
Filing Date :11/06/2012
(87) International Publication No :WO 2012/173913
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 River Road Schenectady NY 12345
U.S.A.
(72)Name of Inventor :
1)CSEH Geza Zoltan
2)NAGY Peter Lajos
3)FAZEKAS Ferenc
4)BALLA Laszlo
5)MEZEI Bela

(57) Abstract :

A lamp includes a light transmissive envelope comprising two spaced apart elliptical portions that together form a hollow interior. The envelope has sealed end portions. Leads are in electrical contact with the filament near the end portions of the envelope for providing power to the lamp. There is a central portion of the envelope that spaces apart the elliptical portions. An electrically conductive filament is disposed in the interior of the envelope. The filament includes coiled coil portions disposed in the elliptical portions in a coiled coil shape and a single coil interval portion disposed between the coiled coil portions at the central portion of the envelope. At least one filament support positions the filament near a center of the envelope. Gas is contained in the interior of the envelope.

No. of Pages : 19 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9622/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING THE CONTACT ANGLE OF A ROLLING ELEMENT BEARING

(51) International classification	:F16C19/16
(31) Priority Document No	:11003464
(32) Priority Date	:04/05/2011
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2012/000063
Filing Date	:03/05/2012
(87) International Publication No	:WO 2013/043095
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKTIEBOLAGET SKF
Address of Applicant :S 415 50 Gteborg Sweden
(72)**Name of Inventor :**
1)BANKESTR-M Olle

(57) Abstract :

Method for determining the contact angle (a) of a rolling element bearing (10) comprising an inner ring (12) an outer ring (14) and a plurality P of rolling elements (16) interposed between the inner ring (12) and the outer ring (14). The method comprises the step of determining the relative speed of P 1 or fewer of said plurality P of rolling elements (16) with respect to the inner ring (12) and/or the outer ring (14) and determining the contact angle (a) of said rolling element bearing (10) therefrom.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9557/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND APPARATUS BY WHICH PERIODICALLY BROADCASTING NODES CAN RESOLVE CONTENTION FOR ACCESS TO A SMALLER POOL OF BROADCASTING RESOURCES

(51) International classification	:H04W72/00
(31) Priority Document No	:61/502791
(32) Priority Date	:29/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/044741
Filing Date	:28/06/2012
(87) International Publication No	:WO 2013/003648
(61) 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)WANG Ying
2)SUBRAMANIAN Sundar
3)WU Xinzhou
4)LI Junyi
5)RICHARDSON Thomas J.

(57) Abstract :

A method a computer program product and an apparatus for wireless communication are provided. The apparatus transmits broadcast information in a first broadcast resource from a first set of broadcast resources. In addition the apparatus determines based on the broadcast information a need for a second broadcast resource from a second set of broadcast resources. Furthermore the apparatus selects the second broadcast resource based on a priority associated with the first broadcast resource.

No. of Pages : 39 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9558/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR IMPROVING NFC PARAMETER UPDATE MECHANISMS

(51) International classification :H04W72/04

(31) Priority Document No :61/500803

(32) Priority Date :24/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/043874

Filing Date :22/06/2012

(87) International Publication No :WO 2012/178107

(61) 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)HILLAN John

2)ODONOGHUE Jeremy R.

(57) Abstract :

Aspects relate to improved mechanisms for updating parameter values for communications between a DH and a remote NFC endpoint. In one example a DH associated with a NFC device may be configured to determine that one or more parameter values included in a parameter selection request message are different than one or more corresponding parameter values used during discovery of a remote NFC endpoint using a frame RF interface and communicate the parameter values to a NFC Controller using a parameter update message. A NFCC associated with a NFC device may be configured to receive using a NFC DEP interface a parameter selection request message including one or more parameters determine to implement one or more parameter changes based on the received one or more parameters and communicate an activation message to a DH indicating values to which the NFC Controller changed the one or more parameter values.

No. of Pages : 57 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9559/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SHARING MULTI DESCRIPTION CODED CONTENT UTILIZING PROXIMATE HELPERS

(51) International classification :H04L29/06
(31) Priority Document No :13/162153
(32) Priority Date :16/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/042320
Filing Date :13/06/2012
(87) International Publication No :WO 2012/174165
(61) 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)RAVEENDRAN Vijayalakshmi R.
2)SOLIMAN Samir S.
3)BHAMIDIPATI PhaniKumar K.
4)SHETH Soham V.
5)LUO Xun

(57) Abstract :

An apparatus system and method utilizing multi description coding (MDC) and one or more cooperative helper nodes to send streaming content on an uplink to a client over multiple paths. The client receives the multiple descriptions and aggregates them together to ideally obtain the original content at its original quality; however if one or more of the descriptions is lost in the transmission then the entire content can be generated from the remaining one or more descriptions that did arrive successfully.

No. of Pages : 41 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9560/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SENSING CIRCUIT

(51) International classification :G11C7/06,G11C7/12,G11C11/16	(71)Name of Applicant :
(31) Priority Document No :13/173641	1)QUALCOMM Incorporated
(32) Priority Date :30/06/2011	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country :U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No :PCT/US2012/045172	(72)Name of Inventor :
Filing Date :01/07/2012	1)JUNG Seong Ook
(87) International Publication No :WO 2013/003832	2)KIM Jisu
(61) Patent of Addition to Application Number :NA	3)RYU Kyungho
Filing Date :NA	4)KANG Seung H.
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A circuit (101) includes a degeneration p channel metal oxide semiconductor (PMOS) transistor (102) a load PMOS transistor (104) and a clamp transistor (110) configured to clamp a voltage applied to a resistance based memory element (112) during a sensing operation. A gate of the load PMOS transistor (118) is controlled by an output (120) of an operational amplifier (106).

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9631/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING BANKING TRANSACTIONS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:13/151668	1)GLORY GLOBAL SOLUTIONS (HOLDINGS)
(32) Priority Date	:02/06/2011	LIMITED
(33) Name of priority country	:U.S.A.	Address of Applicant :Forest View Crockford Lane Chineham
(86) International Application No	:PCT/IB2012/001051	Business Park Basingstoke RG24 8QZ U.K.
Filing Date	:30/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/164377	1)LONG James William
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented system and method is used for facilitating a single instance banking transaction. The method includes the steps of receiving a banking transaction request from a banking account holder at a first banking computer system the request including at least an account identification and transaction information generating a single instance banking transaction indicia correlated to the banking transaction request providing the single instance banking transaction indicia to the banking account holder receiving the single instance banking transaction indicia at a second banking computer system and performing the banking transaction request at the second banking computer system.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8891/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECLOSABLE FLEXIBLE FILM PACKAGING AND METHODS OF MANUFACTURE

(51) International classification :B65D75/00,B65D75/58,B65B61/02
(31) Priority Document No :61/483732
(32) Priority Date :08/05/2011
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2012/036750
Filing Date :07/05/2012
(87) International Publication No :WO 2012/154655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INTERCONTINENTAL GREAT BRANDS LLC
Address of Applicant :100 Deforest Avenue East Hanover
New Jersey 07936 U.S.A.
(72)Name of Inventor :
1)LYZENG A Deborah A.

(57) Abstract :

A reclosable flexible package can have a flexible film forming a body defining an interior contents cavity and having a first pair of opposing edge portions forming a first edge seal a second pair of opposing edge portions forming a second edge seal and a third pair of opposing edge portions forming a fin seal extending from the first edge seal to the second edge seal; the body having a first side portion having the fin seal and a second side portion generally opposite the first side portion; a score formed in the flexible film at the second side portion defining an opening to the contents cavity upon initial rupturing; a closure layer covering the score and a portion of the second side portion around the score; a resealable adhesive being between the closure layer and the flexible film; and the closure layer on the second side portion being capable of at least partial removal from the flexible film to rupture the score and form an opening.

No. of Pages : 48 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8899/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : GAS AND PARTICULATE DELIVERY SYSTEM AND METHOD FOR METALLURGICAL VESSEL

(51) International classification	:C22B9/10
(31) Priority Document No	:61/480982
(32) Priority Date	:29/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/035845
Filing Date	:30/04/2012
(87) International Publication No	:WO 2012/149551
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BERRY METAL COMPANY
Address of Applicant :2408 Evans City Road Harmony PA
16037 U.S.A.
(72)**Name of Inventor :**
1)WHITE Jacob J.
2)VALENTAS Louis S.
3)SMITH Todd G.

(57) Abstract :

A method and an apparatus for charging a particulate for example lime with a carrier gas for example oxygen through a lance into a metallurgical vessel or furnace. The apparatus comprises a metallurgical lance having an inner barrel communicating with the tip of the lance and a lance header an outer tube having one end in open communication with the inner particulate barrel at the header and a second end sealed on the outside of a particulate inlet tube. The particulate inlet tube extends a first portion coaxially within the outer tube and a second portion extends outside the outer tube. The second portion includes a shut off valve. An auxiliary gas tube is in communication with the outer tube upstream of the particulate inlet tube opening within the outer tube.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9650/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR ASSISTING IN THE INSTALLATION OF A HOME AUTOMATION SYSTEM AND RELATED INSTALLATION DRIVER PACKAGE

(51) International classification	:H04L12/28
(31) Priority Document No	:1155284
(32) Priority Date	:16/06/2011
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2012/051298
Filing Date	:11/06/2012
(87) International Publication No	:WO 2012/172242
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VOLTALIS

Address of Applicant :10 rue Lincoln F 75008 Paris France

(72)Name of Inventor :

1)HEINTZ Bruno

2)OURY Jean Marc

3)LEFEBVRE DE SAINT GERMAIN Hugues

4)BIVAS Pierre

5)BINEAU Mathieu

(57) Abstract :

The present invention relates to a method for assisting in the installation of a home automation system including a plurality of communicating packages capable of exchanging information with one another via a local home automation network at least one of the communicating packages being a driver package capable of exchanging information with a central platform of the Internet network via a wireless packet telephony connection. According to the invention the method comprises at least: a step (120) of connecting a portable installation driver package in said local home automation network; a step (130) of the installation driver package automatically searching in situ for the best mobile operator from among a predefined list of possible mobile operators for establishing said wireless connection; a step (160) of said installation driver package automatically pairing each communicating package with a driver package of said local home automation network; and various steps (142 145 150 171 172) of said installation driver package testing the operation of each communicating package of the system and the entire system.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9651/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ORDER TERMINAL AND ORDER ENTRY SYSTEM USING SAME AND METHOD FOR CHANGING INPUT MODE OF ORDER TERMINAL

(51) International classification	:G07G1/12
(31) Priority Document No	:2011154170
(32) Priority Date	:12/07/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/067410
Filing Date	:02/07/2012
(87) International Publication No	:WO 2013/008766
(61) 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 Infrontia Corporation

Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan

(72)Name of Inventor :

1)HIRAO Takuya

(57) Abstract :

An order terminal for inputting a customer order functions in either a staff mode for operation by an employee or a customer mode for operation by a customer as an input mode. When the employee inputs the customer's initial information in the staff mode the input mode of the order terminal migrates from staff mode to customer mode and order input by the customer is made possible.

No. of Pages : 24 No. of Claims : 8

(54) Title of the invention : ADJUVANT COMPRISING DIMETHYLSULFOXIDE AND A PHOSPHATE ESTER

(51) International classification :A01N25/02,A01N25/30,A01N37/48

(31) Priority Document No :61/481744

(32) Priority Date :03/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2012/057579
Filing Date :25/04/2012

(87) International Publication No :WO 2012/150163

(61) 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)SCHNABEL Gerhard**2)PFENNING Matthias**

(57) Abstract :

The present invention relates to an adjuvant for enhancing the activity of pesticides comprising a polar solvent and a phosphate ester of the formula (A) (as described hereinbelow) it being possible for the phosphate ester of the formula (A) to be present as the free acid and/or as a salt and where the polar solvent is miscible with water in any ratio and has a flash point of above 60°C. The invention furthermore relates to an agrochemical composition comprising a pesticide and the adjuvant; to a process for the preparation of the adjuvant wherein the polar solvent and the phosphate ester of the formula (A) are brought into contact; to use of the adjuvant for enhancing the activity of a pesticide; and to a method of controlling phytopathogenic fungi and/or undesirable vegetation and/or undesired insect or mite attack and/or for regulating the growth of plants wherein the composition is allowed to act on the respective pests their environment or the crop plants to be protected from the respective pests on the soil and/or on undesired plants and/or on the crop plants and/or on their environment.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9599/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : WIND TURBINE APPRATUS

(51) International classification	:F03D11/02
(31) Priority Document No	:2011115203
(32) Priority Date	:02/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/061608
Filing Date	:02/05/2012
(87) International Publication No	:WO 2012/150718
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ISHIMINE Tadashi

Address of Applicant :29 1 Shurisamukawacho 1 chome Naha shi Okinawa 9030826 Japan

(72)Name of Inventor :

1)ISHIMINE Tadashi

(57) Abstract :

To provide a wind turbine device which can be used in power generators and in other devices that use a wind turbine as a prime mover regardless of whether the wind turbine is a horizontal axis wind turbine or a vertical axis wind turbine wherein the wind turbine can slew 360° or more and can autonomously slew together with an inclined support shaft to the downwind or downstream side to ensure weathercock stability regardless of whether the wind turbine is a horizontal axis wind turbine or a vertical axis wind turbine. [Solution] The wind turbine device comprises a wind turbine a support shaft for supporting the wind turbine and a slewing base that serves as a base for the support shaft and is provided with a slewing gear and a slewing shaft said wind turbine device being characterised in that either the wind turbine or the wind turbine and the support shaft can be slewed 360° or more about the rotating shaft of the slewing gear by rotating the slewing gear 360° or more.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9686/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOLTEN STEEL DESULFURIZATION METHOD MOLTEN STEEL SECONDARY REFINING METHOD AND MOLTEN STEEL MANUFACTURING METHOD

(51) International classification :C21C7/064
(31) Priority Document No :2011176633
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070204
Filing Date :08/08/2012
(87) International Publication No :WO 2013/024766
(61) 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
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
ku Tokyo 1000011 Japan
(72)Name of Inventor :
1)KINOSHIRO Satoshi
2)ITO Toshiyuki
3)KAWABATA Ryo
4)ISHIGE Toshiro
5)FUJIMOTO Kyoko
6)INOSE Masao

(57) Abstract :

Provided are molten steel desulfurization methods characterized by quick and highly accurate analysis by a method involving a high frequency induction heating step for changing the S in a sample to SO by oxidizing the sample with high frequency induction heating in a pure oxygen atmosphere said sample being taken from molten steel after tapping from a converter or from molten steel undergoing secondary refining and an analysis step for assaying the S concentration in the sample by analyzing with the UV fluorescence method the SO containing gas generated in the high frequency induction heating step. Thereby deviations in S concentration are prevented by controlling the S concentration of molten steel after tapping from the converter and it becomes possible to cut the amount of desulfurization agent and shorten the desulfurization treatment time in secondary refining. Also provided is a molten steel manufacturing method that uses said molten steel desulfurization methods.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9061/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TEARABLE ELASTIC COMPOSITE ARTICLES

(51) International classification :A61F13/00,B32B5/26,B32B5/28
(31) Priority Document No :61/487322
(32) Priority Date :18/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038283
Filing Date :17/05/2012
(87) International Publication No :WO 2012/158879
(61) 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
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)FUNG Simon S.
2)BROWN Mary L.
3)ROGERS John J.

(57) Abstract :

The present disclosure provides self adherent elastic composite articles including a nonwoven fibrous coverweb a woven scrim and a plurality of spaced elastic yarns located between the coverweb and the woven scrim; these components are bonded together in a unified structure with a polymeric binder. The elastic composite articles generally demonstrate desirable hand tear characteristics in the cross web direction.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9063/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A TOPICAL FORMULATION FOR TREATMENT OF HYPERKERATOTIC SKIN

(51) International classification :A61K31/19,A61K31/17,A61K45/06
(31) Priority Document No :11165916.5
(32) Priority Date :12/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/SE2012/050514
Filing Date :14/05/2012
(87) International Publication No :WO 2012/154122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AUXILIUM CURA INNOVATIO
Address of Applicant :21 Priory Hall Stillorgan Co. Dublin
Dublin Ireland
(72)Name of Inventor :
1)SUNDBOM NILSSON Johan
2)LOD%N Marie

(57) Abstract :

The present invention relates in general to topical compositions having improved antimicrobial effect useful for the treatment of hyperkeratotic skin conditions. More specifically the present invention relates to topical compositions comprising a combination of one or more alfa hydroxy acids urea glycerol and panthenol as well as the use of such compositions for the treatment of hyperkeratotic skin conditions in particular on the feet and also on other body areas where thick skin is noted and where infections should be avoided.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9065/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : THROMBECTOMY DEVICE

(51) International classification :A61B17/221,A61F2/90
(31) Priority Document No :10 2011 101 522.5
(32) Priority Date :13/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002060
Filing Date :14/05/2012
(87) International Publication No :WO 2012/156069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PHENOX GMBH
Address of Applicant :Lise Meitner Allee 31 44801 Bochum
Germany
(72)Name of Inventor :
1)MONSTADT Hermann
2)HANNES Ralf
3)ASCHERFELD Jrg

(57) Abstract :

The invention relates to a thrombectomy device with a substantially cylindrical stent structure (1) which has a multiplicity of meshes (3 4) and two connectors (5 5) that are arranged on different meshes (3) at the proximal end of the stent structure (1) and with a guide wire (2) which has a coupling element (11) to which the connectors (5 5) are coupled with a slit (7) which extends in a helical formation across the jacket surface (8) of the stent structure (1) and with a tensioning bow (9) which spans the slit (7) at the proximal end.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2013

(21) Application No.9703/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : HEPATITIS C VIRUS INHIBITORS

(51) International classification :C07K5/08
(31) Priority Document No :61/497141
(32) Priority Date :15/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/042038
Filing Date :12/06/2012
(87) International Publication No :WO 2012/173983
(61) 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 COMPANY
Address of Applicant :Route 206 and Province Line Road
Princeton New Jersey 08543 4000 U.S.A.
(72)Name of Inventor :
1)RAJAMANI Ramkumar
2)RENDUCHINTALA Kishore V.
3)SARKUNAM Kandhasamy
4)NAGALAKSHMI Pulicharla
5)MEANWELL Nicholas A.
6)SCOLA Paul Michael

(57) Abstract :

Hepatitis C virus inhibitors having the general formula (I) are disclosed. Compositions comprising the compounds and methods for using the compounds to inhibit HCV are also disclosed.

No. of Pages : 98 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9710/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR DELIVERY OF MEDICAL DEVICES TO A CARDIAC VALVE

(51) International classification :A61B
(31) Priority Document No :11165215.2
(32) Priority Date :08/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058385
Filing Date :07/05/2012
(87) International Publication No :WO 2012/171720
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AEEG AB
Address of Applicant :P.O. Box 1038 S 251 10 Helsingborg
Sweden
(72)Name of Inventor :
1)KRAHBICHLER Erik

(57) Abstract :

A catheter device is disclosed for transvascular delivery of a medical device to a cardiac valve region of a patient. The catheter device comprises an elongate sheath (2) with releasable locking members for controllably locking the elongate sheath in a shape at least partly along its length from a relaxed state to a locked state when positioned in relation to a cardiac valve. Furthermore alignment members (5) are provided to provide for a desired positioning in relation to the cardiac valve. Embolic protection (8) is further provided.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9716/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGEMENT OF A ROOF

(51) International classification :E04B1/70
(31) Priority Document No :61/494266
(32) Priority Date :07/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041031
Filing Date :06/06/2012
(87) International Publication No :WO 2012/170483
(61) 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
Address of Applicant :3M Center Post Office Box 33427 Saint Paul MN 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)KLINK Frank W.
2)EDWARDS John S.

(57) Abstract :

A system for management of a roof having first and second decks covering an unconditioned space in a building and a peak the system having a first channel extending from proximate a lower end of the first deck towards the peak and a second channel extending from proximate a lower end of the second deck towards the peak. The system further includes a router positioned proximate the peak the router enabling air flowing to the peak from the first channel to be selectively routed to one of a plurality of directions.

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9600/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR PRODUCING INTERTWINING KNOTS

(51) International classification :D02G1/16,D02J1/08
(31) Priority Document No :10 2011 107 283.0
(32) Priority Date :15/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057383
Filing Date :23/04/2012
(87) International Publication No :WO 2013/010688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OERLIKON TEXTILE GMBH & CO. KG
Address of Applicant :Leverkuser Strasse 65 42897
Remscheid Germany
(72)**Name of Inventor :**
1)MATTHIES Claus
2)WESTPHAL Jan

(57) Abstract :

The invention relates to a device for producing intertwining knots in a multifilament thread. The device has a rotating nozzle ring which has an encircling guide groove on an outer casing and an encircling sealing surface on an inner casing wherein at least one nozzle bore that opens radially into the guide groove passes through the nozzle ring. The nozzle ring is guided on a stator which has an encircling sliding surface on its periphery for guiding the nozzle ring and which forms a pressure chamber having a chamber opening that opens into the sliding surface. In this case the sealing surface of the nozzle ring interacts with the sliding surface of the stator in order to provide air sealing. In order to create the greatest possible degree of sealing with respect to the environment according to the invention the nozzle ring is formed in a pot like manner with an end wall wherein the end wall has a disc like end sealing surface and interacts with an end sliding surface formed on an end side of the stator in order to provide air sealing.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9601/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLYCARBONATE RESIN COMPOSITION FOR BATTERY PACK AND BATTERY PACK

(51) International classification :C08L69/00,C08G64/08,H01M2/10
(31) Priority Document No :2011120551
(32) Priority Date :30/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063627
Filing Date :28/05/2012
(87) International Publication No :WO 2012/165373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IDEMITSU KOSAN CO.LTD.
Address of Applicant :1 1 Marunouchi 3 chome Chiyoda ku
Tokyo 1008321 Japan
(72)Name of Inventor :
1)ISHIKAWA Yasuhiro
2)AOKI Yusuke
3)TANAKA Takayoshi

(57) Abstract :

A polycarbonate resin composition for a battery pack which comprises (A) 100 parts by mass of a polycarbonate resin and (B) 0.01 1 part by mass of a phosphorous containing antioxidant agent wherein the polycarbonate resin comprises 5 100 mass% of a polycarbonate polyorganosiloxane copolymer (A 1) that has the main chain comprising a structural unit represented by general formula (I) and a structural unit represented by general formula (II) and contains 2 10 mass% of a polyorganosiloxane block and 0 95 mass% of an aromatic polycarbonate (A 2) that is different from the component (A 1) [in the formulae R and R independently represent an alkyl or alkoxy group having 1 6 carbon atoms; X represents a single bond an alkylene group having 1 8 carbon atoms or the like; R to R independently represent a hydrogen atom a halogen atom or the like; Y represents an organic residue containing an aliphatic or aromatic moiety; n represents an integer of 20 600; and a and b independently represent an integer of 0 4]; and a battery pack produced using the resin composition.

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9737/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PLATE MATERIAL PROCESSING SYSTEM

(51) International classification	:B21D43/04
(31) Priority Document No	:2011114463
(32) Priority Date	:23/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/059328
Filing Date	:05/04/2012
(87) International Publication No	:WO 2012/160886
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MURATA MACHINERY LTD.

Address of Applicant :3 Minami Ochiai cho Kisshoin Minami
ku Kyoto shi Kyoto 6018326 Japan

(72)Name of Inventor :

1)HORIBA Yasushi

(57) Abstract :

This plate material processing system is equipped with a plate material processing machine (1) and a loader (2). The plate material processing machine (1) grasps the front end of an unprocessed plate material (W1) by means of a work holder (14) and moves the unprocessed plate material (W1) to the front/back/left/right on a table (5). The loader (2) is equipped with a plate material adsorption body (20) and a rotating mechanism (25) that rotates this plate material adsorption body (20) along a predetermined arc shaped trajectory (C) with the plate material adsorption body maintaining the same orientation in a planar view. The position of the plate material adsorption body (20) switches between an unprocessed plate material loading position (P2) and an unprocessed plate material waiting position (P1). When the plate material adsorption body (20) is in the foremost position (PF) the work holder (14) is positioned to the other side in the left right direction of the unprocessed plate material loading position (P2) with respect to a processing head (6) thus preventing interference between the work holder (14) and the plate material adsorption body (20).

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9332/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TITANIUM DIOXIDE PHOTOCATALYTIC COMPOSITIONS AND USES THEREOF

(51) International classification	:B01J21/06,B01D53/86	(71)Name of Applicant :
(31) Priority Document No	:61/482393	1)AVERETT Stewart Benson
(32) Priority Date	:04/05/2011	Address of Applicant :2311 NE 48th Street Lighthouse Point
(33) Name of priority country	:U.S.A.	FL 33064 U.S.A.
(86) International Application No	:PCT/US2012/036337	2)AVERETT Devron R.
Filing Date	:03/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/151407	1)AVERETT Stewart Benson
(61) Patent of Addition to Application	:NA	2)AVERETT Devron R.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A photocatalytic composition comprising zinc (Zn) doped titanium dioxide (TiO₂) nanoparticles wherein the ratio of titanium dioxide nanoparticles to zinc is from about 5 to about 150. The photocatalytic composition absorbs electromagnetic radiation in a wavelength range from about 200 nm to about 500 nm and the absorbance of light of wavelengths longer than about 450 nm is less than 50% the absorbance of light of wavelengths shorter than about 350 nm. Further provided is a method for treating or preventing microbial diseases and infestations in a plant and a method for increasing crop yield of a plant by applying the photocatalytic compositions taught herein to the surface of a plant. A method for treating microbial diseases on a surface applies the photocatalytic compositions taught herein to a surface illuminated by artificial light.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9740/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STORING MULTIPLE INSTANCES OF CONTENT

(51) International classification :H04N7/167
(31) Priority Document No :61/526665
(32) Priority Date :23/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052011
Filing Date :23/08/2012
(87) International Publication No :WO 2013/028835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ECHOSTAR TECHNOLOGIES L.L.C.
Address of Applicant :100 Inverness Terrace East Englewood
Colorado 80112 U.S.A.
(72)**Name of Inventor :**
1)MARTCH Henry Gregg
2)KUMMER David A.
3)KENNEDY John T.

(57) Abstract :

Content receivers may simultaneously record multiple instances of content for multiple programming channels based on content provider instructions. Systems and methods utilize the content receivers to record these multiple instances from at least a single transponder. In some instances multiple transponders may have a common control word so that content carried on each such transponder may be simultaneously received decoded and recorded. Further a single demodulator may be associated with multiple tuners so that the single demodulator processes all content received from transponders with common control words and/or other encryption mechanisms.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9741/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SOLUTION PROCESS FOR THE PRODUCTION OF EP(D)M ELASTOMERS AND POLYMERISATION REACTOR FOR USE IN SAID PROCESS.

(51) International classification	:C08F210/18	(71)Name of Applicant :
(31) Priority Document No	:MI2011A000854	1)FASTECH S.R.L.
(32) Priority Date	:16/05/2011	Address of Applicant :Via Solferino 10 I 20038 Seregno (MB)
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/EP2012/058996	(72)Name of Inventor :
Filing Date	:15/05/2012	1)OMICINI Gabriele
(87) International Publication No	:WO 2012/156393	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes a process for the production of EP(D)M in solution in a stirred reactor (CSTR) in which the reaction bath is kept in a boiling condition at a temperature of between 40 and 60°C and at a pressure of between 0.6 and 1.3 MPa and in which from 40% to 80% of the reaction heat is removed by boiling the reaction bath and the remaining reaction heat is removed by subcooling the fluids recycled to the reactor. The reactor is provided with a stirring system with three impellers a device for distribution of the recycled fluids at the bottom of the reactor and a gamma ray level control device.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9768/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AUDIO PRESENTATION OF CONDENSED SPATIAL CONTEXTUAL INFORMATION

(51) International classification :G06F
(31) Priority Document No :13/169021
(32) Priority Date :27/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043031
Filing Date :18/06/2012
(87) International Publication No :WO 2013/003101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.

(72)Name of Inventor :
1)CARTIER Kenn
2)OFEK Eyal
3)GERSON Elad
4)BAR ZEEV Avi

(57) Abstract :

Aggregated data associated with a geographic area may be obtained. The aggregated data may be dynamically distilled to obtain a presentation set of data based on a dynamically changing geographic location associated with the geographic area. A transmission of a stream of personalized audio data that is based on the presentation set of data may be initiated via a device processor to a receiving device associated with a user that is associated with the dynamically changing geographic location.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9789/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISPLAY CONTROL APPARATUS DISPLAY CONTROL METHOD AND PROGRAM

(51) International classification :G09G5/36
(31) Priority Document No :2011131298
(32) Priority Date :13/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003694
Filing Date :06/06/2012
(87) International Publication No :WO 2012/172752
(61) 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)FUKAZAWA Ryo
2)KUDO Yusuke
3)TSUKAMOTO Takeo

(57) Abstract :

An apparatus includes a detection section and a display controller. The detection section is configured to detect an operation input. The display controller is configured to control a display to display a plurality of objects the display controller configured to control the display to select at least one of the plurality of objects based on the operation input to modify a depth component of a display position of the at least one object selected and to display the at least one object selected at the display position having the depth component modified.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9425/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BEAMFORMING METHOD AND DIAGNOSTIC ULTRASOUND APPARATUS

(51) International classification	:A61B8/00
(31) Priority Document No	:2012104166
(32) Priority Date	:27/04/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/002850
Filing Date	:26/04/2013
(87) International Publication No	:WO 2013/161320
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)**Name of Inventor :**
1)KANAMORI Takeo
2)WATANABE Yasuhito
3)TSUSHIMA Mineo

(57) Abstract :

The beam forming method comprises: a main beamforming step (S21) which generates a main beam signal by phased addition of the received echo signals obtained from multiple reception elements with a first region of the subject as a focal point; a secondary beamforming step (S22) that generates from the received echo signals a secondary beam signal which has a lower sensitivity than the main beam signal to ultrasonic wave signals reflected from the first region; and a narrow beamforming step (S23) which calculates a coefficient for narrowing the angle of the main beam signal the coefficient being determined on the basis of the main beam signal and the secondary beam signal and generates the narrow beam signal by multiplying the coefficient and the main beam signal. In the secondary beamforming step (S22) the secondary beam signal is generated using a difference signal which is the difference between two beam signals that are generated by phased addition of the received echo signals with each of two regions of the subject which differ from the first region and from each other as the focal points.

No. of Pages : 56 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9800/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ALKYLDIAMINES

(51) International classification	:C07C209/34
(31) Priority Document No	:61/496135
(32) Priority Date	:13/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/038336
Filing Date	:17/05/2012
(87) International Publication No	:WO 2012/173735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANGUS CHEMICAL COMPANY

Address of Applicant :1500 East Lake Cook Road Buffalo Grove IL 60089 U.S.A.

(72)Name of Inventor :

1)MAJOR Michael D.

2)MOORE David W.

(57) Abstract :

Provided is a process for preparing alkyl diamine compounds in high purity. The process utilizes an alkyl amine compound during the reduction of a nitroamine resulting in reduction of the concentration of undesired byproducts.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9801/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOBBY LOOM AND CORRESPONDING WEAVING METHOD

(51) International classification :D03C13/00
(31) Priority Document No :11168445.2
(32) Priority Date :01/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055856
Filing Date :30/03/2012
(87) International Publication No :WO 2012/163571
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TEXTILMA AG
Address of Applicant :Kehrsitenstrasse 23 CH 6362 Stansstad
Switzerland
(72)Name of Inventor :
1)ENGESSER Bernhard
2)LENZIN Stefan

(57) Abstract :

In order to improve a dobby loom having a plurality of heddle frames in particular having a changeover device for weft threads according to the invention the heddle frames (4 6 8 10) are each connected to a linear motor such that by means of controlling the linear motor the heddle frame (4 6 8 10) can be moved from an upper maximum position to a lower maximum position and vice versa. In one embodiment the dobby loom has a plurality of warp thread presentation means for example color control needles (18 20) for the selective introduction of different weft threads (40 42) into the warp shed and for changing the weft threads (40 42). The loom comprises a control unit for controlling the linear motors which control unit is designed to enable the control of a specified position of the heddle frame (4 6 8 10) between the upper maximum position and the lower maximum position at a predetermined point in time. Said control unit has a sensor unit by means of which the position of each of the heddle frames (4 6 8 10) can be detected continuously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9802/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE DECODING METHOD IMAGE ENCODING METHOD IMAGE DECODING DEVICE
IMAGE ENCODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(51) International classification :H04N7/32
(31) Priority Document No :61/496237
(32) Priority Date :13/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/003839
Filing Date :13/06/2012
(87) International Publication No :WO 2012/172791
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)Name of Inventor :
1)SASAI Hisao
2)NISHI Takahiro
3)SHIBAHARA Youji
4)SUGIO Toshiyasu
5)TANIKAWA Kyoko
6)MATSUNOBU Toru

(57) Abstract :

Provided is an image decoding method that decodes for each block image data included in an encoded stream and that comprises the following steps: a derivation step for deriving candidates for intra prediction modes of which there are always at least two the candidates being intra prediction mode candidates used for intra screen prediction of a decoding subject block; an acquisition step for acquiring an index from the encoded stream in order to specify one candidate from the derived intra prediction mode candidates; a selection step for selecting on the basis of the acquired index one candidate from the derived intra prediction mode candidates as the intra prediction mode used for intra screen prediction of a decoding subject block.

No. of Pages : 109 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9495/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : REDUCED COENZYME Q10 CRYSTAL HAVING EXCELLENT STABILITY

(51) International classification :C07C43/23
(31) Priority Document No :2011141028
(32) Priority Date :24/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065869
Filing Date :21/06/2012
(87) International Publication No :WO 2012/176842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KANEKA CORPORATION
Address of Applicant :3 18 Nakanoshima 2 chome Kita ku
Osaka shi Osaka 5308288 Japan
(72)**Name of Inventor :**
1)KAWACHI Hideo
2)KITAMURA Shiro
3)UEDA Yasuyoshi

(57) Abstract :

There has been no report of the existence of crystalline polymorphism in reduced coenzyme Q10 and it has been considered that a conventionally obtained crystal form is the only one crystal form of reduced coenzyme Q10. The invention relates to a reduced coenzyme Q10 crystal having an endothermic peak showing melting at $54 \pm 2^{\circ}\text{C}$ when the temperature is raised at a rate of $5^{\circ}\text{C}/\text{min}$ in differential scanning calorimetry (DSC) and/or a reduced coenzyme Q10 crystal showing characteristic peaks at diffraction angles ($2 \pm 0.2^{\circ}$) of 11.5° 18.2° 19.3° 22.3° 23.0° and 33.3° in powder X ray (Cu Ka) diffraction. The crystal form is a novel reduced coenzyme Q10 crystal which has a higher melting point than the conventionally known reduced coenzyme Q10 crystal has low solubility in a solvent and therefore has excellent stability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9839/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD TO DETECT AND INDICATE INACCURACIES IN LONG LENGTH IMAGING

(51) International classification	:G06T7/00
(31) Priority Document No	:11170103.3
(32) Priority Date	:16/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/061324
Filing Date	:14/06/2012
(87) International Publication No	:WO 2012/172006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AGFA HEALTHCARE
Address of Applicant :IP Department 3802 Septestraat 27 B
2640 Mortsel Belgium
(72)**Name of Inventor :**
1)BEHIELS Gert

(57) Abstract :

Method of generating radiation images of an elongate body by applying different computer implemented stitching methods to the same set of partial radiation images. A warning is generated in case of substantial deviation between the applied stitching methods.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9840/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTRODE MATERIAL AND MANUFACTURING METHOD THEREOF

(51) International classification :H01M4/66
(31) Priority Document No :2011133818
(32) Priority Date :16/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065292
Filing Date :14/06/2012
(87) International Publication No :WO 2012/173213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL LTD.)
Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
ku Kobe shi Hyogo 6518585 Japan
(72)**Name of Inventor :**
1)HOSOKAWA Mamoru
2)TAKADA Satoru
3)KATSURA Sho
4)SUZUKI Jun
5)SATO Toshiki

(57) Abstract :

Provided is an electrode material with excellent tab weldability and realizing decreased contact resistance with an active material layer. A collector (electrode material) (1) is provided with a metal foil substrate (1a) and a carbon containing conductive substance (1b) and is configured such that when observed from a square viewfield with a surface area of 0.1mm the conductive substance (1b) is arranged in islands on the surface of the substrate (1a) with a 1 80% coverage ratio of the conductive substance (1b) on the surface of the substrate (1a).

No. of Pages : 44 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9841/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR MEASURING GLYCOSYLATED HEMOGLOBIN MEASUREMENT REAGENT AND MEASUREMENT KIT

(51) International classification :C12Q1/37,C12Q1/26,C12Q1/28
(31) Priority Document No :2011134701
(32) Priority Date :17/06/2011
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2012/065237
Filing Date :14/06/2012
(87) International Publication No :WO 2012/173185
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KYOWA MEDEX CO. LTD.
Address of Applicant :8 10 Harumi 1 chome Chuo ku Tokyo
1046004 Japan
(72)Name of Inventor :
1)SOYA Haruyo

(57) Abstract :

A method is provided that accurately and at high sensitivity measures glycosylated hemoglobin in a test sample containing hemoglobin without being affected by the hemoglobin. A method for measuring glycosylated hemoglobin in a test sample containing hemoglobin characterized in that in a reaction whereby fructosyl peptide oxidase is caused to act after causing a proteolytic enzyme to act on a hemoglobin containing sample in the presence of a surfactant this reaction is conducted in the presence of a halogen oxide and the hydrogen peroxide produced is measured. The invention provides a method for measuring glycosylated hemoglobin in a test sample containing hemoglobin that is useful for measuring glycosylated hemoglobin and the like which is useful for diagnosing diabetes.

No. of Pages : 67 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9842/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPINNING BATH VAT

(51) International classification :D01D5/06
(31) Priority Document No :10 2011 104 194.3
(32) Priority Date :15/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/060686
Filing Date :06/06/2012
(87) International Publication No :WO 2012/171835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TRTZSCHLER NONWOVENS GMBH
Address of Applicant :Wolfsgartenstrae 6 63329 Egelsbach
Germany
(72)**Name of Inventor :**
1)GLAWION Erwin
2)ZENKER Dieter

(57) Abstract :

The invention relates to a spinning bath vat consisting of a vat for receiving a spinning bath liquid and of at least one roller arranged in the vat for deflecting the spun filaments as well as to a feed and discharge system for the spinning bath fluid. According to the invention the spinning bath vat (SBW) is shaped so as to be used both for wet spinning using a spinning nozzle (SD) arranged in the spinning bath fluid (SBF) and also for dry/wet spinning using a spinning nozzle (SD) arranged above the spinning bath fluid (SBF).

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9546/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOLTEN IRON DESULFURIZATION METHOD

(51) International classification :G01N21/64
(31) Priority Document No :2011176634
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070202
Filing Date :08/08/2012
(87) International Publication No :WO 2013/024765
(61) 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
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)KINOSHIRO Satoshi
2)FUJIMOTO Kyoko
3)INOSE Masao
4)ITO Toshiyuki

(57) Abstract :

At the time of molten iron desulfurization treatment this molten iron desulfurization method analyzes the S concentration of a sample taken from molten iron in at least one stage before during or after desulfurization treatment and on the basis of the analysis value of said S concentration performs further desulfurization determines the end of desulfurization or determines conditions for subsequent desulfurization. In this molten iron desulfurization method the S concentration after desulfurization treatment is accurately controlled and thereby deviations in the S concentration are prevented and cost increases and disruptions in the steelmaking process due to adding excessive amounts of desulfurization agent are prevented by means of quick and accurate analysis of the S concentration in the molten iron using an analysis method involving a high frequency induction heating step for changing the S in the molten iron to SO by oxidizing the sample by high frequency induction heating in a pure oxygen atmosphere and an analysis step for assaying the S concentration in the sample by analyzing with the UV fluorescence method the SO containing gas generated in the high frequency induction heating step.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9554/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONDENSATE DISCHARGE DEVICE FOR COMPRESSED GAS SYSTEMS

(51) International classification :F16T1/38,F16T1/00,F16T1/14	(71)Name of Applicant :
(31) Priority Document No :10 2011 051 201.2	1)BEKO TECHNOLOGIES GMBH
(32) Priority Date :20/06/2011	Address of Applicant :Im Taubental 7 41468 Neuss Germany
(33) Name of priority country :Germany	(72)Name of Inventor :
(86) International Application No :PCT/EP2012/061858	1)SCHLENSKER Herbert
Filing Date :20/06/2012	2)SINSTEDTEN Johannes
(87) International Publication No :WO 2012/175565	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to a condensate discharge device for compressed gas systems comprising a housing (21) which has a condensate collecting chamber (22) that can be connected to the compressed gas system by means of a condensate feed (23) and which has a condensate drain (24) that can be closed by means of valve assembly (25) and comprising a tubular body (32) protruding into the condensate collecting chamber (22) for accommodating at least one electronic filling level measuring device (31) by means of which the condensate filling level in the condensate collecting chamber (22) can be detected wherein the housing (21) can be mounted in a first vertical mounting position and a second horizontal mounting position and the longitudinal axis of the tubular body (32) extends at an angle to the condensate feed direction (34).

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9866/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF DETECTING POLYMORPHS USING SYNCHROTRON RADIATION

(51) International classification :G01N23/20
(31) Priority Document No :11166354.8
(32) Priority Date :17/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059127
Filing Date :16/05/2012
(87) International Publication No :WO 2012/156450
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZACH SYSTEM S.P.A.
Address of Applicant :Via Lillo del Duca 10 I 20091 Bresso
(MI) Italy
(72)**Name of Inventor :**
1)BRESCELLO Roberto
2)COTARCA Livius
3)SMANIOTTO Anna
4)VERZINI Massimo
5)POLENTARUTTI Maurizio
6)BAIS Giorgio
7)PLAISIER Jasper Rikkert

(57) Abstract :

A method of detecting polymorphs using X ray produced by a synchrotron source is described. In particular the method allows to detect particular polymorphs present in small amounts in mixtures of polymorphic compounds present in a prevailing amount. The method offers a powerful resolution of mixtures of polymorph and finds application particularly in the pharmaceutical field.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9868/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MEMORY JUMPING WITHIN STORED INSTANCES OF CONTENT

(51) International classification :H04N9/80
(31) Priority Document No :61/526379
(32) Priority Date :23/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051987
Filing Date :23/08/2012
(87) International Publication No :WO 2013/028823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ECHOSTAR TECHNOLOGIES L.L.C.
Address of Applicant :100 Inverness Terrace East Englewood
Colorado 80112 U.S.A.
(72)**Name of Inventor :**
1)KUMMER David A.
2)BEALS William Michael

(57) Abstract :

Content receivers may simultaneously record multiple instances of content for multiple programming channels based on content provider instructions. Systems and methods utilize the content receivers to perform memory jumping operations within files having the simultaneously recorded multiple instance of content stored therein. The memory jumping operation may jump locations within the file corresponding to a predetermined memory jumping operation timeframe and in order to account for the variability in the recording bit rate and therefore the playing of the instance of content the jump locations in the memory jumping operation may be dynamically adjusted based on recording bit rates.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8653/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER SUPPLY GENERATOR WITH NOISE CANCELLATION

(51) International classification	:H04B15/00,H04B1/04	(71)Name of Applicant :
(31) Priority Document No	:61/500583	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/06/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/043917	(72)Name of Inventor :
Filing Date	:24/06/2012	1)DAI Liang
(87) International Publication No	:WO 2012/178140	2)MATHE Lennart Karl Axel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques for performing noise cancellation/attenuation are disclosed. In one design an apparatus includes a power supply generator having a switcher a coupling circuit an envelope amplifier and a feedback circuit. The switcher generates DC and low frequency components and the envelope amplifier generates high frequency components of a supply voltage for a load e.g. a power amplifier. The switcher receives a first supply voltage and provides a switcher output signal having switcher noise. The coupling circuit receives the switcher output signal and provides a first output signal having a first version of the switcher noise. The feedback circuit receives the switcher output signal and provides a feedback signal. The envelope amplifier receives an envelope signal and the feedback signal and provides a second output signal having a second version of the switcher noise which is used to attenuate the first version of the switcher noise at the load.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9931/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : NOVEL INK FORMULATION

(51) International classification	:C09D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2011/063911
Filing Date	:12/08/2011
(87) International Publication No	:WO 2013/023672
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TETRA LAVAL HOLDINGS & FINANCE S.A.
Address of Applicant :70 Avenue Gnral Guisan CH 1009
Pully Switzerland

(72)**Name of Inventor :**
1)JARVIS Anthony
2)WALKER Martin
3)OROURKE Adam
4)COOK Richard

(57) Abstract :

The disclosed invention relates to the use of molybdenum (VI) peroxy complex containing an amino acid such as MoO(0)(GLY)(H0) in marking applications as well as to ink formulations comprising such complexes.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9932/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS FOR DISTRIBUTING PRODUCT SAMPLES

(51) International classification :G06F
(31) Priority Document No :61/487988
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001897
Filing Date :21/05/2012
(87) International Publication No :WO 2012/168799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONEVIC Zoran
Address of Applicant :11 Boynton Circle Markham ON L6C
1A8 Canada
(72)**Name of Inventor :**
1)KONEVIC Zoran

(57) Abstract :

A method of distributing samples to consumers comprising a kiosk system a kiosk application and a kiosk. The kiosk system is used to set up the manufacturer and vendor information to set up a reporting and analytical framework and to establish communication with the kiosk application and the kiosk. Among other things the kiosk application is used to locate the kiosk and provide a code to the consumer. The kiosk application may also be used to issue a coupon to the consumer wherein the consumer redeems the coupon to purchase a variety of the product sample. The kiosk is used to distribute samples. The consumer inputs the code into the kiosk to obtain a sample.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9933/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VALENCENE SYNTHASE

(51) International classification	:C12N9/88
(31) Priority Document No	:11170805.3
(32) Priority Date	:21/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2012/050434
Filing Date	:21/06/2012
(87) International Publication No	:WO 2012/177129 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ISOBIONICS B.V.

Address of Applicant :Urmonderbaan 22 NL 6167 RD Geleen
Netherlands

(72)Name of Inventor :

1)SONKE Theodorus

2)DE JONG Rene M.

(57) Abstract :

The present invention relates to a novel valencene synthase to a nucleic acid encoding such valencene synthase to a host cell comprising said encoding nucleic acid sequence and to a method for preparing valencene comprising converting farnesyl diphosphate to valencene in the presence of a valencene synthase according to the invention.

No. of Pages : 81 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9934/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : TOBACCO AXILLARY BUD INHIBITOR AND TOBACCO AXILLARY BUD INHIBITING METHOD

(51) International classification :A01N43/40

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2011/063448

Filing Date :13/06/2011

(87) International Publication No :WO 2012/172621

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SDS Biotech K. K.

Address of Applicant :1 5 Higashi Nihombashi 1 chome Chuo
ku Tokyo 1030004 Japan

(72)Name of Inventor :

1)TANAKA Motoki

2)TANAKA Keijitsu

3)SHIBUYA Takeshi

4)IKUTA Eiji

5)YOSHINAGA Kotaro

6)YAMAGUCHI Yuki

(57) Abstract :

The present invention relates to a tobacco axillary bud inhibitor containing one or more mitotic repressors selected from the group consisting of a pyridine based compound and a benzamide based compound. This tobacco axillary bud inhibitor has excellent sustainability of effect at low concentration does not cause chemical damage and disease and can ensure an improvement in labor productivity. A C C aliphatic alcohol is furthermore combined with the mitotic repressor selected from a pyridine based compound and a benzamide based compound to thereby synergistically enhance the effect of inhibiting the emergence and growth of tobacco axillary buds.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8812/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING CARBON FIBERS

(51) International classification :D01D13/02,D01F9/12,D01F9/22	(71) Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Strae 1 11 45128 Essen Germany
(31) Priority Document No :10 2011 075 595.0	
(32) Priority Date :10/05/2011	
(33) Name of priority country :Germany	
(86) International Application No :PCT/EP2012/057116	(72) Name of Inventor : 1)BERGHAHN Matthias
Filing Date :19/04/2012	
(87) International Publication No :WO 2012/152554	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates a method for producing carbon fibers wherein polyacrylonitrile (PAN) is pyrolytically carbonized to form carbon fibers under release of hydrocyanic acid (HCN) and to a system for carrying out the method. The aim of the invention is to make the method more economical. Said aim is achieved by the material utilization of the hydrocyanic acid by collecting the released hydrocyanic acid and washing said acid with an alkaline medium to obtain cyanide salt containing lye.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8819/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR ORIENTATING A SCREWED ELEMENT OF A TIMEPIECE

(51) International classification	:G04B3/04,G04B37/10	(71) Name of Applicant :
(31) Priority Document No	:11169052.5	1)OMEGA SA
(32) Priority Date	:08/06/2011	Address of Applicant :Rue Stmpfli 96 CH 2500 Biel/Bienne 4
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/060602	(72) Name of Inventor :
Filing Date	:05/06/2012	1)KNUCHEL Daniel
(87) International Publication No	:WO 2012/168243	2)BRISWALTER Sbastien
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Orientable screwed element (1) comprising a cover (11) and a device for adjusting the angular orientation of said cover (11) with respect to a watch middle (3). The device for adjusting the angular orientation comprises a coupling member (5) and means (551 91) of indexing between the cover (11) and the coupling member (5) as well as return means (4) which tend to keep the cover (11) and the coupling member (5) joined together in terms of rotation.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9953/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : REFORMER EXERCISE APPARATUS

(51) International classification :A63B22/20,A63B21/055,A63B21/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/043803
Filing Date :13/07/2011
(87) International Publication No :WO 2013/009306
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BALANCED BODY INC.
Address of Applicant :8220 Ferguson Avenue Sacramento
California 95828 U.S.A.
(72)**Name of Inventor :**
1)ENDELMAN Ken
2)SAVARINO Christopher J.
3)MASTERSON Brian
4)OBERWELZ Elger
5)YURCHENCO James R.
6)PATRON Anthony
7)OVERTHUN Thomas Dieter Christian
8)STUDENT Joerg
9)WEBSTER David
10)DAVIS WILSON Jennifer Ellen

(57) Abstract :

A reformer exercise apparatus is disclosed that has a generally rectangular frame. The rail portions of the frame each have an upright outer wall an integral downwardly slanted inner wall and a hidden outwardly open slot therein between the outer and inner walls. A foot bar support assembly movably carried by each of the outwardly open slots supports the foot bar. Each foot bar support assembly has an elongated slide plate movably supported within the slot a hook plate fastened to the slide plate and a foot bar support arm rotatably and slidably fastened to the hook plate. A pair of tubular risers each having an upper roller therein at the head end of the frame direct arm cord ends to a cord retraction assembly mounted on the carriage. The retraction assembly releases the cords by pivoting either one of the shoulder stops toward the foot end of the frame.

No. of Pages : 96 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9973/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A METHOD A DEVICE AND A COMPUTER PROGRAM PRODUCT FOR TRAINING THE USE OF AN AUTO INJECTOR

(51) International classification	:G09B19/00
(31) Priority Document No	:11171725.2
(32) Priority Date	:28/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/062610
Filing Date	:28/06/2012
(87) International Publication No	:WO 2013/001025
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALK AG

Address of Applicant :Industriestrasse 30 CH 8604 Volketswil
Switzerland

(72)Name of Inventor :

1)GROVES Bryce Vernon

2)YEATES Henry Samuel

3)COADY Gareth Michael

4)LOMBARDELLI Stephen

(57) Abstract :

The invention provides a handheld device for training a user in operating an auto injector. The device has a screen and a sensor which can quantify a physical activity of the device. A visual representation of the auto injector and a visual instruction for a desired use of the auto injector are presented on the screen while the user is requested to manipulate the handheld device as if it was the auto injector. By use of the sensor data the device evaluates the performance of the user and determines a level of compliance with the instructions. Accordingly the invention provides an increased safety in the use of auto injectors e.g. for epinephrine (adrenaline).

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9975/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : INJECTION DEVICE

(51) International classification :A61D
(31) Priority Document No :11505534
(32) Priority Date :17/06/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050614
Filing Date :07/06/2012
(87) International Publication No :WO 2012/173553
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SHL GROUP AB

Address of Applicant :IP Department Box 1240
Augustendalsvgen 19 SE13128 Nacka Strand Sweden

(72)Name of Inventor :

1)KARLSSON Anders

2)OLSON Stephan

(57) Abstract :

The invention relates to an injection device comprising a housing a container holder arranged within said housing the container holder being configured for accommodating a medicament container having a needle attached to one end thereof and a stopper sealingly and slidable arranged inside the medicament container at the other end thereof a plunger rod being arranged with a proximal end thereof contactable with said stopper a first and a second energy accumulating member arranged in the interior of the housing of the injection device and adapted to accumulate and store energy plunger drive means being slidable arranged in relation to the plunger rod being rotationally locked to the plunger rod and being rotatable in relation to the housing the plunger drive means being operationally associated with the first energy accumulating member a container driver arranged for being connectable to the container holder and threadedly connected to the plunger rod the container driver being operationally associated with the second energy accumulating member such that due to an output axial force from the second energy accumulating member the container holder and the plunger rod are axially moveable in relation to the housing a predetermined distance towards the proximal end of the injection device from an initial locked position to a second position whereby a needle penetration is performed wherein the plunger drive means are locked from being rotated by the container driver and wherein the plunger drive means are released such that due to an output torque from said first energy accumulating member the plunger drive means are allowed to be rotated and the plunger rod is urged towards the proximal end of the injection device whereby an injection is performed.

No. of Pages : 47 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9121/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : RECLOSABLE FLEXIBLE PACKAGING AND METHODS FOR MANUFACTURING SAME

(51) International classification:B65B9/20,B65B61/18,B65D75/58

(31) Priority Document No :PCT/US2011/037054

(32) Priority Date :18/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/038387

Filing Date :17/05/2012

(87) International Publication No :WO 2012/166381

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INTERCONTINENTAL GREAT BRANDS LLC

Address of Applicant :100 Deforest Avenue East Hanover
New Jersey 07936 U.S.A.

(72)Name of Inventor :

1)LYZENGA Deborah A.

2)WEBER Jeffrey Thomas

3)FENECH Louis Peter III

4)SCAROLA Leonard

5)LEICHTE Rachel

6)GOLDEN Marty

7)DOLL Paul E.

(57) Abstract :

Flexible film packages having a partial initial seal against ambient atmosphere and are easily openable and reclosable. The flexible film packages are generally resealable to extend the shelf life or freshness of products contained therein once the package is initially opened. By one approach the flexible film has two opposing edge portions that meet to form a longitudinal seal extending from a first end seal to a second end seal. The flexible film may have a score (16) that defines a package opening (36). An elongated closure layer (14) may extend over the score and may extend from a first end seal (26) to a second end seal (28) and within the opposing edge portions that form the longitudinal seal (24). The elongated closure layer may have a tack free gripping portion used to release at least a portion of the elongated closure from the flexible film to form the package opening.

No. of Pages : 125 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9122/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SUBSTITUTED INDAZOLE DERIVATIVES ACTIVE AS KINASE INHIBITORS

(51) International classification :C07D231/56,C07D401/14,C07D403/12
(31) Priority Document No :11165882.9
(32) Priority Date :12/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058389
Filing Date :07/05/2012
(87) International Publication No :WO 2012/152763
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NERVIANO MEDICAL SCIENCES S.R.L.
Address of Applicant :PO Box 11 Viale Pasteur 10 I 20014
Nerviano (MI) Italy
(72)**Name of Inventor :**
1)LOMBARDI BORGIA Andrea
2)CIOMEI Marina
3)DONATI Daniele
4)NESI Marcella

(57) Abstract :

The present invention relates to substituted indazole compounds which modulate the activity of protein kinases and are therefore useful in treating diseases caused by degulated protein kinase activity like cancer. The present invention also provides methods for preparing these compounds pharmaceutical compositions comprising these compounds and methods of treating diseases utilizing such these compounds or the pharmaceutical compositions containing them.

No. of Pages : 70 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9124/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : USE OF CXCR4 ANTAGONISTS

(51) International classification :C07D255/02

(31) Priority Document No :61/486632

(32) Priority Date :16/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/037970

Filing Date :15/05/2012

(87) International Publication No :WO 2012/158707

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GENZYME CORPORATION

Address of Applicant :500 Kendall Street Cambridge MA
02142 U.S.A.

2)UNIVERSITY OF WASHINGTON

(72)Name of Inventor :

1)DALE David C.

2)BRIDGER Gary J.

3)HSU Frank J.

(57) Abstract :

Presently disclosed are methods and compositions for treating or preventing WHIM syndrome and certain other disorders or conditions with a certain CXCR4 antagonist.

No. of Pages : 78 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9125/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTRICAL ANODE REDUCTION OF SOLID OXIDE FUEL CELL

(51) International classification :H01M4/88

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2011/002603

Filing Date :26/05/2011

(87) International Publication No :WO 2012/159644

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TOPS~E FUEL CELL A/S

Address of Applicant :Nym,llevej 66 DK 2800 Kgs. Lyngby
Denmark

(72)Name of Inventor :

1)HEIREDAL CLAUSEN Thomas

2)JENSEN Kresten Juel Nikolaj Laut

(57) Abstract :

A solid oxide fuel cell is anode reduced without the use of a reducing gas by applying a voltage to the cell when the temperature is elevated to a target temperature.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9469/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPRINKLER SYSTEM AND INSTALLATION

(51) International classification :A62C37/11
(31) Priority Document No :13/206969
(32) Priority Date :10/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044147
Filing Date :26/06/2012
(87) International Publication No :WO 2013/022523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VICTAULIC COMPANY
Address of Applicant :4901 Kesslersville Road Easton PA
18040 U.S.A.
(72)Name of Inventor :
1)SZENTIMREY Rudolph
2)STEMPO John M.
3)MCWHIRTER Eric

(57) Abstract :

A sprinkler system installation for fire suppression within a cold environment uses a dry sprinkler assembly connected to a piping network by a flexible hose and supported in a substrate of a structure separating the cold environment from a temperature controlled warm environment. Sleeves of insulating material surround a conduit of the assembly and engage both the conduit and the substrate to seal and provide support. Escutcheons are also provided on opposite sides of the substrate which effect a clamping action on the assembly.

No. of Pages : 36 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9471/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONTINUOUS ADAPTATION OF SECONDARY PATH ADAPTIVE RESPONSE IN NOISE CANCELING PERSONAL AUDIO DEVICES

(51) International classification	:G10K11/178
(31) Priority Document No	:61/493162
(32) Priority Date	:03/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/039336
Filing Date	:24/05/2012
(87) International Publication No	:WO 2012/166511
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CIRRUS LOGIC INC.
Address of Applicant :800 W 6th St. Austin TX 78701 U.S.A.
(72)**Name of Inventor :**
1)KWATRA Nitin

(57) Abstract :

A personal audio device such as a wireless telephone includes an adaptive noise canceling circuit (30) that adaptively generates an anti noise signal from a reference microphone signal (ref) and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. An error microphone (err) is also provided proximate the speaker to provide an error signal indicative of the effectiveness of the noise cancellation. A secondary path estimating adaptive filter (SE SE copy) is used to estimate the electro acoustical path from the noise canceling circuit through the transducer so that source audio (ds) can be removed from the error signal. Noise (37) is injected either continuously and inaudibly below the source audio or in response to detection that the source audio is low in amplitude so that the adaptation of the secondary path estimating adaptive filter can be maintained irrespective of the presence and amplitude of the source audio.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9472/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : EAR COUPLING DETECTION AND ADJUSTMENT OF ADAPTIVE RESPONSE IN NOISE CANCELING IN PERSONAL AUDIO DEVICES

(51) International classification	:G10K11/178
(31) Priority Document No	:61/493162
(32) Priority Date	:03/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/035807
Filing Date	:30/04/2012
(87) International Publication No	:WO 2012/166272
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CIRRUS LOGIC INC.
Address of Applicant :800 W. 6th Street Austin Texas 78701
U.S.A.
(72)**Name of Inventor :**
1)ABDOLLAHZADEH MILANI Ali
2)KAMATH Gautham Devendra

(57) Abstract :

A personal audio device such as a wireless telephone includes an adaptive noise canceling (ANC) circuit that adaptively generates an anti noise signal from a reference microphone signal and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. An error microphone is also provided proximate the speaker to estimate an electro acoustical path from the noise canceling circuit through the transducer. A processing circuit determines a degree of coupling between the user's ear and the transducer and adjusts the adaptive cancellation of the ambient sounds to prevent erroneous and possibly disruptive generation of the anti noise signal if the degree of coupling lies either below or above a range of normal operating ear contact pressure.

No. of Pages : 35 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9567/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 12/09/2014

(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	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:61/501384	1)PANASONIC CORPORATION
(32) Priority Date	:27/06/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2012/004136	(72)Name of Inventor :
Filing Date	:26/06/2012	1)MATSUNOBU Toru
(87) International Publication No	:WO 2013/001794	2)NISHI Takahiro
(61) Patent of Addition to Application		3)SHIBAHARA Youji
Number	:NA	4)SASAI Hisao
Filing Date	:NA	5)TANIKAWA Kyoko
(62) Divisional to Application Number	:NA	6)SUGIO Toshiyasu
Filing Date	:NA	

(57) Abstract :

An image encoding method comprises: a prediction step (S6001) to generate a prediction block; a calculation step (S6002) to calculate a residual block; a transformation/quantization step (S6003) to calculate a quantized coefficient by transforming and quantizing the residual block; an inverse transformation/inverse quantization step (S6004) to calculate an encoded residual block by inverse quantizing and inverse transforming the quantized coefficient; a generation step (S6005) to generate a provisional encoded block; an assessment step (S6006) to assess whether or not an offset process is required and generate first flag information indicating the result of the assessment; an offset processing step (S6012) to execute an offset process with respect to the provisional encoded block when the offset process is assessed to be required; and a variable length encoding step (S6011) to variable length encode the quantized coefficient and the first flag information.

No. of Pages : 122 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9832/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPLICATOR

(51) International classification :A61M35/00

(31) Priority Document No :2011149605

(32) Priority Date :05/07/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/004352

Filing Date :04/07/2012

(87) International Publication No :WO 2013/005434

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KAKEN PHARMACEUTICAL CO. LTD.

Address of Applicant :28 8 Honkomagome 2 chome Bunkyo
ku Tokyo 1138650 Japan

(72)Name of Inventor :

1)UETA Masahiro

2)SAKAGUCHI Ryouhei

3)TAKEI Ryouji

4)SASAMA Katsumi

5)TAGUCHI Katsuya

(57) Abstract :

To provide a liquid applicator with which irritation on an affected part of a patient may be reduced even when a liquid drug is used.

[Solution] According to the present invention an applicator comprises a solution container which comprises an opening and a columnar brush member formed by bundling synthetic fibers in a columnar shape. The columnar brush member is disposed at the opening of the solution container a tip portion of the columnar brush member at an outside of the solution container has a fan shape expanding in a perpendicular lateral direction against a pillar axial lengthwise direction and a thickness of the fan shaped tip portion of the columnar brush member decreases in a perpendicular lengthwise direction against the pillar axial lengthwise direction toward the tip portion of the columnar brush member. The liquid applicator of the present invention has the fan shaped tip portion so that irritation on an affected part may be decreased and a liquid tinea medicine may be applied to the affected part.

No. of Pages : 70 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9833/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPOSITION AND UTILIZATION METHOD THEREFOR

(51) International classification	:A01N41/10
(31) Priority Document No	:2011144372
(32) Priority Date	:29/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/066473
Filing Date	:28/06/2012
(87) International Publication No	:WO 2013/002299
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NIHON NOHYAKU CO. LTD.
Address of Applicant :19 8 Kyobashi 1 chome Chuo ku Tokyo
1048386 Japan
(72)**Name of Inventor :**
1)TAMURA Shingo
2)AOKI Takao
3)KURIYAMA Ken

(57) Abstract :

Provided is an agricultural and horticultural insecticide composition containing flubendiamide and tolfenpyrad as active ingredients and a utilization method therefor characterized in that insects or plants infested with the insects or the surrounding land or cultivation carriers where the plants are grown are treated with an effective dose of the agricultural and horticultural insecticide composition containing flubendiamide and tolfenpyrad as active ingredients.

No. of Pages : 54 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9847/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR SCHEDULING USERS IN A CELLULAR ENVIRONMENT SCHEDULER AND WIRELESS NETWORK

(51) International classification :H04W52/24,H04W52/34,H04W72/00
(31) Priority Document No :11170114.0
(32) Priority Date :16/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/061338
Filing Date :14/06/2012
(87) International Publication No :WO 2012/172009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DoCoMo Inc.
Address of Applicant :Sanno Park Tower 36th Floor 11 1
Nagata cho 2 chome Chiyoda ku Tokyo Tokyo 100 6150 Japan
(72)**Name of Inventor :**
1)BURCHARDT Harald
2)SINANOVIC Sinan
3)HAAS Harald
4)AUER G¼nther

(57) Abstract :

A method for scheduling users in a cellular environment (C C C) such that a Pareto optimal power control can be applied includes determining whether a set of users (x x x) in the cellular environment fulfills a feasibility condition for the Pareto optimal power control and in case the feasibility condition for the Pareto optimal power control is not fulfilled modifying the SINR targets of the users (x x x) such that the feasibility condition for the Pareto optimal power control is fulfilled.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9870/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR STARTING AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02N7/08,F02N15/10	(71) Name of Applicant :
(31) Priority Document No	:A 887/2011	1)GE JENBACHER GMBH & CO OHG
(32) Priority Date	:17/06/2011	Address of Applicant :Achenseestrasse 1 3 A 6200 Jenbach
(33) Name of priority country	:Austria	Austria
(86) International Application No	:PCT/AT2012/000153	(72) Name of Inventor :
Filing Date	:05/06/2012	1)RANGGER Alfred
(87) International Publication No	:WO 2012/171049	2)ZAHNER Lukas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AThe invention relates to a method for starting an internal combustion engine (1) particularly a stationary gas engine which is driven by at least one starter motor (2). The starting process is interrupted once the starter motor (2) has been started if the angular acceleration (a) of the internal combustion engine (1) remains below a predefinable acceleration value and/or if within a predefinable first time period (t) the actual rotational speed (n) remains below a predefinable first rotational speed threshold value (n) and/or if within a predefinable second time period the average rotational speed of the internal combustion engine (1) remains below a predefinable second rotational speed threshold value. The starter motor (2) is designed as a pneumatic starter motor (2) and the compressed air supply thereof is controlled by a compressed air valve (3) which can be switched between a fully opened position and a fully closed position the pneumatic starter motor (2) being started by the compressed air valve (3) being fully opened.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9626/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : STEERABLE DELIVERY CATHETER

(51) International classification	:A61B
(31) Priority Document No	:13/176193
(32) Priority Date	:05/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/043575
Filing Date	:21/06/2012
(87) International Publication No	:WO 2013/006282
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MEDTRONIC VASCULAR INC.
Address of Applicant :c/o IP Legal Department 3576 Unocal
Place Santa Rosa CA 95403 U.S.A.

(72)**Name of Inventor :**
1)BERTHIAUME William
2)TRAN Don
3)VALDOVINOS Maria
4)LOCSIN Brent

(57) Abstract :

A steerable delivery catheter (10) includes an outer sheath (18) with a housing (22) disposed at a distal end thereof to define a chamber (24) for a medical device the chamber having an open distal end (23) and a proximal inner shelf. An inner shaft (20) is slidably disposed within the sheath and has an abutment attached to the distal end of the shaft the abutment being slidably contained within the chamber. During navigation of the catheter when the inner shaft is tensioned the abutment engages the shelf to apply a compressive force to the sheath to selectively deflect a distal region of the catheter. When the catheter has been navigated to the deployment site the sheath is withdrawn while the abutment maintains the medical device in place as it is deployed.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9627/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF BETA SANTALOL

(51) International classification	:C07C29/09
(31) Priority Document No	:11172037.1
(32) Priority Date	:30/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/062614
Filing Date	:28/06/2012
(87) International Publication No	:WO 2013/001026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIRMENICH SA

Address of Applicant :1 route des Jeunes P. O. Box 239 CH
1211 Geneva 8 Switzerland

(72)Name of Inventor :

1)BIRKBECK Anthony A.

(57) Abstract :

The present invention concerns a process for the preparation of a compound of formula (I) in the form of any one of its stereoisomers or mixtures thereof and wherein R represents a C C group of formula COR wherein R is an alkyl or alkenyl group optionally comprising one or two ether functional groups or is a phenyl or benzyl group optionally substituted by one to three alkyl alkoxyl carboxyl acyl amino or nitro groups or halogen atoms. The invention concerns also the use of compound (I) for the synthesis of santalol or of derivatives thereof.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9628/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VEHICLE SEAT THAT CAN BE MOVED FORWARDS IN ITS LONGITUDINAL GUIDE AND HAVING A FOLDING BACKREST

(51) International classification	:B60N2/12	(71)Name of Applicant :
(31) Priority Document No	:10 2011 078 823.9	1)C. ROB. HAMMERSTEIN GMBH & CO. KG
(32) Priority Date	:07/07/2011	Address of Applicant :Merscheider Str. 167 42699 Solingen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/063208	(72)Name of Inventor :
Filing Date	:06/07/2012	1)BECKER Burckhard
(87) International Publication No	:WO 2013/004807	2)UTZINGER Karl
(61) Patent of Addition to Application	:NA	3)WEBER Erik
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The vehicle seat has a memory unit for easy entry access said unit comprising a memory strip (17) with teeth arranged one behind the other at a periodic interval m in the longitudinal direction of the rails a slider (9) movably guided in the longitudinal direction of the rails (50 52) on a guide element (102) that is connected to the seat rail (52) and a carriage (1) with a housing which is guided on the memory strip (17) in the longitudinal direction of the rails and in which a catch element (4) is pivotably mounted. The periodic interval m of the memory strip (17) is equal to the difference between the periodic interval r of the catch opening and the periodic interval p of the locking teeth. The memory strip (17) and carriage (1) components are situated in a channel shaped cavity defined by the rails. The actuating lever (3) slider (9) and bearing element (7) components form a unit that can be preassembled and is installed in the seat rail (52). The teeth of the memory strip (17) project outward in the y direction.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9739/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : REDUCED CALORIE AND DIGESTION PROMOTING FOODS

(51) International classification :A23L1/03
(31) Priority Document No :11165346.5
(32) Priority Date :09/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055858
Filing Date :30/03/2012
(87) International Publication No :WO 2012/152509
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)MONDO MINERALS DEUTSCHLAND GMBH
Address of Applicant :Zur Waldesruh 19 42329 Wuppertal
Germany
(72)**Name of Inventor :**
1)KELLER Wulf Dietrich

(57) Abstract :

The invention relates to reduced calorie and digestion promoting foods that have a calorific value containing portion and are mixed with talc. Calorific value containing components of the calorific value containing portion are selected from the group consisting of carbohydrates proteins and fats. Sugars are to be subsumed under carbohydrates. The invention relates to a food that has a calorific value containing portion wherein talc composes at least 15 wt% and no more than 40 wt% of the food relative to the total weight of the food.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9517/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : FILTERING METHOD MOVING IMAGE DECODING METHOD MOVING IMAGE ENCODING METHOD MOVING IMAGE DECODING APPARATUS MOVING IMAGE ENCODING APPARATUS AND MOVING IMAGE ENCODING/DECODING APPARATUS

(51) International classification :H04N7/26
(31) Priority Document No :61/509193
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/004460
Filing Date :10/07/2012
(87) International Publication No :WO 2013/011659
(61) 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
Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan
(72)**Name of Inventor :**
1)LIM Chong Soon
2)WAHADANIAH Viktor
3)NAING Sue Mon Thet
4)SASAI Hisao
5)NISHI Takahiro
6)SHIBAHARA Youji
7)SUGIO Toshiyasu

(57) Abstract :

A filtering method of the invention is a filtering method for performing deblocking/filtering of a boundary between an IPCM block and a non IPCM block that are adjacent to each other. The filtering method comprises: a step (S401) of determining a first quantizing parameter for the non IPCM block; a step (S402) of determining by use of the first quantizing parameter a second quantizing parameter corresponding to the IPCM block; a step (S403) of determining a filter strength by use of the first and second quantizing parameters; and a step (S404) of performing deblocking/filtering of the boundary by use of the determined filter strength.

No. of Pages : 124 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9520/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR PREPARING A COBALT CONTAINING HYDROCARBON SYNTHESIS CATALYST PRECURSOR

(51) International classification :B01J23/75,B01J23/889,B01J23/89
(31) Priority Document No :2011/03330
(32) Priority Date :06/05/2011
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2012/052070
Filing Date :25/04/2012
(87) International Publication No :WO 2012/153218 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)SASOL TECHNOLOGY (PROPRIETARY) LIMITED
Address of Applicant :1 Sturdee Avenue Rosebank 2196
Johannesburg South Africa
(72)Name of Inventor :
1)ELOFF Cornelia Carolina
2)VAN DE LOOSDRECHT Jan
3)VISAGIE Jacobus Lucas
4)VAN RENSBURG Hendrik

(57) Abstract :

A process for preparing a cobalt containing hydrocarbon synthesis catalyst precursor includes calcining a loaded catalyst support comprising a catalyst support supporting a cobalt compound. The calcination includes subjecting the loaded catalyst support to heat treatment by heating the loaded catalyst support to a temperature T of at least 220°C at a heating rate below 10°C/minute and effecting gas flow at a space velocity of at least 9mn/kg cobalt compound/hour over the loaded catalyst support during at least part of the heating. The cobalt containing hydrocarbon synthesis catalyst precursor is thereby produced.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9632/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DETERMINATION OF RUNNING RESISTANCE FOR A VEHICLE

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:1150593-0	1)SCANIA CV AB
(32) Priority Date	:27/06/2011	Address of Applicant :S 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050652	1)S-DERGREN Maria
Filing Date	:15/06/2012	2)EVALDSSON Martin
(87) International Publication No	:WO 2013/006118	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and a system for determining a running resistance for a vehicle. According to the invention a model based running resistance is estimated. Thereafter an energy change difference between a model based estimated energy change and an actual energy change W is determined for said vehicle from a starting point to an end point of a distance S which is travelled by said vehicle. A braking force which is unknown to the model and which acts upon said vehicle over said distance S is also determined on the basis of said energy change difference . Thereafter said running resistance is determined to an adjusted value of said model based estimate of said running resistance said adjustment being based on said braking force which is unknown to the model.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9636/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HUMIDITY SENSOR AND SENSOR ELEMENT THEREFOR

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:61/494578	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:08/06/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul MN 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/039996	(72)Name of Inventor :
Filing Date	:30/05/2012	1)GYRSKA Stefan H.
(87) International Publication No	:WO 2012/170248	2)PALAZZOTTO Michael C.
(61) Patent of Addition to Application	:NA	3)LEWINSKI Krzysztof A.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A humidity sensor element includes a dielectric substrate a nonporous conductive electrode disposed on the dielectric substrate a permeable conductive electrode having a thickness in a range of from 4 to 10 nanometers and permeable by water vapor and a detection layer sandwiched between the nonporous conductive electrode and the permeable conductive electrode. The permeable conductive electrode is parallel to the nonporous electrode. Both conductive electrodes have respective conductive leads attached thereto. The detection layer includes a copolymer having monomeric units comprising wherein M represents H or an alkali metal. A humidity sensor including the humidity sensor element is also disclosed.

No. of Pages : 21 No. of Claims : 10

(54) Title of the invention : MINIMALLY INVASIVE CONTRACEPTION DEVICE AND METHOD

(51) International classification	:A61N5/00,A61N5/067	(71) Name of Applicant :
(31) Priority Document No	:13/101873	1)BIOLITEC PHARMA MARKETING LTD.
(32) Priority Date	:05/05/2011	Address of Applicant :Level 6(D) Main Office Tower
(33) Name of priority country	:U.S.A.	Financial Park Labuan Jalan Merdeka 87018 Labuan F. T. Labuan
(86) International Application No	:PCT/US2012/036457	Malaysia
Filing Date	:04/05/2012	(72) Name of Inventor :
(87) International Publication No	:WO 2012/151467	1)NEUBERGER Wolfgang
(61) Patent of Addition to Application	:NA	2)SABADO Martin
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Minimally invasive methods and devices for endoluminally treating female fallopian tubes or male vas deferens of mammals are presented as a permanent method of contraception. In preferred embodiments medical devices for male and female sterilization comprise laser radiation source operating at one or more preselected wavelengths between about 980nm and about 1950nm preferably at least one of 980nm 1470nm and 1950nm; treatment waveguide with a radial or cylindrical radiation emitting tip; viewing scope; and a temperature sensor. In another preferred embodiment a minimally invasive permanent contraception method for males and females comprises the steps of introducing at least one treatment waveguide in a body cavity; positioning the treatment waveguide inside a body cavity; irradiating; and repeating the procedure in companion body cavity to inhibit fertilization. In another embodiment fluids are infused and/or extracted after before or during the procedure to enhance laser energy absorption and enhance efficiency of laser treatment.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9638/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : LASER TREATED ELECTRICALLY CONDUCTIVE SUBSTRATE AND PRE TREATING METHOD THEREOF

(51) International classification	:H02G5/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2011/059475
Filing Date	:08/06/2011
(87) International Publication No	:WO 2012/167821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB RESEARCH LTD
Address of Applicant :Affolternstrasse 44 CH 8050 Z^urich
Switzerland
(72)**Name of Inventor :**
1)ZANT Nikolaus
2)GUSTAFSSON Emilia
3)VELTHUIS Rudi
4)GASPARINI Rico
5)GREUTER Felix

(57) Abstract :

A method of pre treating an electrically conductive substrate (12) for bonding a non metallic material (14) thereon is provided. The method includes: (a) placing the substrate (12) in a laser range of a laser source (16); and (b) irradiating a surface (18) of the substrate (12) with a laser light (24) from the laser source (16) thereby forming a micro structure (20) on the substrate surface (18). The micro structure (20) has at least one of: a) an I/Ra ratio of at least 0.2 μm I being the surface index Ra being the average roughness; or b) an I/Rz ratio of at least 0.03 μm I being the surface index Rz being the average peak to valley distance. An electrically conductive substrate (12) a metal insert (12 603) for use with a solid insulation component (704 706 712 714) an insulator conductor assembly (26) and a gas insulated switchgear station (700) are also provided as well as use of an insulator conductor assembly (26 600) in an electrical power system (700).

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8978/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ILLUMINATED MICROSURGICAL INSTRUMENT INCLUDING OPTICAL FIBER WITH BEVELED END FACE

(51) International classification:G02B6/00,A61F9/007,A61B19/00

(31) Priority Document No :61/483,224

(32) Priority Date :06/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/035774
Filing Date :30/04/2012

(87) International Publication No :WO 2012/154435 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)ALCON RESEARCH LTD.

Address of Applicant :6201 South Freeway Fort Worth Texas
76134 2099 U.S.A.

(72)Name of Inventor :

1)YADLOWSKY Michael J.

2)PAPAC Michael James

3)LASSALAS Bruno

(57) Abstract :

An illuminated microsurgical instrument includes a microsurgical instrument having a distal tip and an optical fiber for delivering a beam of light to a surgical site. The optical fiber includes a proximal end for receiving a light beam from a light source and a distal end proximate to the distal tip of the microsurgical instrument for emitting the light beam. The distal end includes a beveled end face either oriented toward or oriented opposite from the distal tip of the microsurgical instrument.

No. of Pages : 19 No. of Claims : 12

(54) Title of the invention : METHOD FOR TRANSMITTING SIGNAL USING PLURALITY OF ANTENNA PORTS AND TRANSMISSION END APPARATUS FOR SAME

(51) International classification	:H04B7/06,H04J11/00	(71) Name of Applicant :
(31) Priority Document No	:61/484,665	1)LG ELECTRONICS INC.
(32) Priority Date	:10/05/2011	Address of Applicant :20 Yeouido dong Yeongdeungpo gu
(33) Name of priority country	:U.S.A.	Seoul 150 721 Republic of Korea
(86) International Application No	:PCT/KR2012/003678	(72) Name of Inventor :
Filing Date	:10/05/2012	1)KIM Hakseong
(87) International Publication No	:WO 2012/153994 A3	2)SEO Hanbyul
(61) Patent of Addition to Application Number	:NA	3)KIM Byounghoon
Filing Date	:NA	4)KIM Kijun
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for transmitting a signal by using a plurality of antenna ports and a transmission end apparatus for same are disclosed. A method for a transmission end which supports signal transmission through the plurality of antenna ports transmitting the signal using the plurality of antenna ports according to the present invention comprises the following steps: transmitting a control channel to a reception end through a first antenna using a first resource domain; and transmitting a data channel to the reception end through the plurality of antenna ports including first antenna port using a second resource domain wherein the second resource domain and the first resource domain have identical time domains but different frequency domains and wherein from the time and frequency domains that belong to the first resource domain the data channel is not transmitted through at least one antenna port from the antenna ports excluding the first antenna port.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8980/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PRODUCTION OF ACETYL COENZYME A DERIVED COMPOUNDS

(51) International classification	:C12N1/12
(31) Priority Document No	:61/483896
(32) Priority Date	:09/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/037127
Filing Date	:09/05/2012
(87) International Publication No	:WO 2012/154854
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMYRIS INC.

Address of Applicant :5885 Hollis Street Suite 100 Emeryville
CA 94608 U.S.A.

(72)Name of Inventor :

1)MEADOWS Adam

(57) Abstract :

The present disclosure relates to the use of pantothenate compounds as a non genetic switch for the production of heterologous acetyl CoA derived (HACD) compounds in microbial host cells. The invention provides genetically modified microorganisms that are more stable when stored and initially cultured under reduced pantothenate concentrations cell culture media having reduced concentrations of pantothenate compounds and methods of producing HACD compounds using the cell culture media and the genetically engineered microorganisms of the invention.

No. of Pages : 73 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2013

(21) Application No.8981/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : WITHDRAWABLE SWITCHGEAR WITH THERMOSIPHON HEAT PIPE COOLED BUSHINGS

(51) International classification :H02B1/56,H02B11/12,H01H9/52
(31) Priority Document No :61/488,919
(32) Priority Date :23/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036042
Filing Date :02/05/2012
(87) International Publication No :WO 2012/161930 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)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44 CH 8050 Zurich
Switzerland
(72)**Name of Inventor :**
1)KAUFMANN Patrik
2)BUEHLER Tilo
3)KARANDIKAR Harshavardhan M.
4)PAWAR Rahul
5)EARL Jerry
6)SCHULER Gabriel

(57) Abstract :

A cooling apparatus for cooling a switchgear is provided. The switchgear has one or more primary contacts supported by a bushing and constructed and arranged to connect to a terminal of a circuit breaker. The cooling apparatus includes at least one evaporator associated with each primary contact a condenser apparatus located at a higher elevation than the at least one evaporator fluid conduit structure connecting the at least one evaporator with the condenser apparatus and electrically insulating working fluid in at least one evaporator so as to be heated to a vapor state with the fluid conduit structure being constructed and arranged to transfer the vapor to the condenser apparatus and to passively return condensed working fluid back to the at least one evaporator.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8983/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR MEDICAMENT DELIVERY WITH SYRINGE LIKE USABILITY HAVING A RESTRAINING MECHANISM

(51) International classification	:A61M5/315
(31) Priority Document No	:1150466-9
(32) Priority Date	:19/05/2011
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2012/050477
Filing Date	:07/05/2012
(87) International Publication No	:WO 2012/158095
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHL GROUP AB

Address of Applicant :IP Department Box 1240
Augustendalsvgen 19 SE 13128 Nacka Strand Sweden

(72)Name of Inventor :

1)HOLMQVIST Anders

2)HEDIN Maria

(57) Abstract :

Device for medicament delivery with syringe like usability having a restraining mechanism A device for medicament delivery with syringe like usability comprising at least one grip at least one medicament container holder and at least one plunger rod being substantially rotationally fixed relatively to the grip. The medicament container holder (13) is movable towards the grip in a longitudinal direction of the device and rotation of at least one rotatable part (40) which is rotatable relatively to the grip and substantially inhibits movement of the plunger rod (20) in a longitudinal direction for dose delivery when in at least one locking position until being rotated is restrained by at least one restraining member (42) abutting or being connected to the rotatable part (40) and the grip (30) until the medicament container holder is moved towards the grip for interacting with the at least one restraining member.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9116/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DISPLAY DEVICE USER INTERFACE METHOD AND PROGRAM

(51) International classification :G06F3/048,G06F3/0346,G06F3/0488
(31) Priority Document No :2011274315
(32) Priority Date :15/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081671
Filing Date :06/12/2012
(87) International Publication No :WO 2013/089013
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)Name of Inventor :
1)MAEDA Kenichi
2)TSUIHIJI Daisuke
3)UEHARA Tetsuro
4)SATOU Michihiro

(57) Abstract :

A user interface with excellent perspicuity and operability is provided. An image of an impeller to which a content image for each surface of a plurality of blades is assigned is displayed on a screen for displaying a plurality of contents provided by an application in a list and for receiving selections from a user. When a swiping operation is performed on the impeller image the impeller is made to rotate around the axis of rotation thereof and the content images displayed on the screen switch.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9117/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMMUNICATION DEVICE AND COMMUNICATION METHOD

(51) International classification :H04W4/06,H04W4/22
(31) Priority Document No :2011146220
(32) Priority Date :30/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064400
Filing Date :04/06/2012
(87) International Publication No :WO 2013/001988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO INC.
Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku
Tokyo 1006150 Japan
(72)**Name of Inventor :**
1)AOYAGI Kenichiro
2)ABETA Sadayuki
3)WATANABE Yasuyuki
4)MATSUTANI Hideyuki

(57) Abstract :

A communication device has the following: a network side communication unit that receives emergency information from an information distribution node; a UE side communication unit that exchanges communication signals with user devices via a wireless base station; and a determination unit. After the UE side communication unit broadcasts a primary notification signal giving advance notice of the distribution of emergency information when a request signal requesting a state transition involving an RRC protocol state is received from a user device the aforementioned determination unit determines whether or not to allow said state transition. If said state transition is a transition from a state in which emergency information can be received to a state in which emergency information cannot be received the determination unit rejects said transition and broadcasts a secondary notification signal containing the emergency information.

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9118/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ASSEMBLY OF PLUG CONNECTOR AND CIRCUIT BOARD

(51) International classification :H01R12/58,H01R12/72,H01R12/70
(31) Priority Document No :10 2011 101 819.4
(32) Priority Date :17/05/2011
(33) Name of priority country:Germany
(86) International Application No :PCT/DE2012/000510
Filing Date :18/05/2012
(87) International Publication No :WO 2012/155891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ERNI ELECTRONICS GMBH & CO. KG
Address of Applicant :Seestrasse 9 73099 Adelberg Germany
(72)**Name of Inventor :**
1)HENZLER Magnus

(57) Abstract :

The invention relates to an assembly of a plug connector and a circuit board (200; 500) the plug connector (100; 400; 800) being arranged on an edge of the circuit board (200; 500; 801) characterized by contact elements (110 120; 410 420 430; 805) arranged in below and above the circuit board plane wherein at least the contact elements (110 120; 410 420 430; 805) arranged below and above the circuit board are bent on the side of said contact elements facing the circuit board (200; 500; 801) in such a way that said contact elements lead from both sides of the circuit board (200; 500; 801) into openings in the circuit board (200; 500; 801) adapted to the contact elements (110 120; 410 420 430; 805) and can be soldered there.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9119/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BUCHHOLZ RELAY

(51) International classification :H01H33/55,H01H36/02,H01F27/40
(31) Priority Document No :10 2011 105 397.6
(32) Priority Date :22/06/2011
(33) Name of priority country:Germany
(86) International Application No :PCT/EP2012/058875
Filing Date :14/05/2012
(87) International Publication No :WO 2012/175252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MASCHINENFABRIK REINHAUSEN GMBH
Address of Applicant :Falkensteinstrae 8 93059 Regensburg
Germany
(72)Name of Inventor :
1)H.,MEL Kai
2)REHNELT Ullrich
3)VIERECK Karsten

(57) Abstract :

The invention relates to a Buchholz relay for monitoring the development of gas and the insulation liquid in liquid filled high voltage systems. Two floats which can be deflected and act on an electrical switching device are provided. Furthermore a flow flap is provided which likewise acts on an electrical switching device. According to the invention the electrical switching device comprises one or two immersion tubes in each of which separate magnetic switching tubes are provided. The immersion tubes extend in a perpendicular manner through the collection space of the Buchholz relay. Furthermore a line is provided the free end of said line ending in the Buchholz relay in the region of the flow flap wherein the line can be subjected to the action of air or oil from the outside.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9592/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMAGE PROCESSING SYSTEM AND RELATED MONITORING SYSTEM

(51) International classification :G06K7/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2011/074213

Filing Date :18/05/2011

(87) International Publication No :WO 2012/155343

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)WISTRON NEWEB CORPORATION

Address of Applicant :20 Park Avenue II Hsinchu Science
Park Hsinchu Taiwan China

2)DJB GROUP

(72)Name of Inventor :

1)HO Yu Min

2)BURNSIDE Walter D.

(57) Abstract :

An image processing system is disclosed. The image processing system comprises a radio frequency identification (RFID) reader unit a microprocessor module and a memory unit. The RFID reader unit is used for retrieving tag data wherein the tag data comprises timing stamp information. The microprocessor module is coupled to the RFID reader unit and used for receiving image data and correlating the tag data with the image data to generate combination data wherein the combination data comprises information of the tag data and the image data. The memory unit is coupled to the microprocessor module and used for storing the combination data.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9689/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AZOLE DERIVATIVE METHOD FOR PRODUCING AZOLE DERIVATIVE AND INTERMEDIATE COMPOUND

(51) International classification	:C07D405/06
(31) Priority Document No	:2011126817
(32) Priority Date	:07/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/064605
Filing Date	:06/06/2012
(87) International Publication No	:WO 2012/169559
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KUREHA CORPORATION
Address of Applicant :3 3 2 Nihonbashi Hamacho Chuo ku
Tokyo 1038552 Japan
(72)**Name of Inventor :**
1)YAMAZAKI Toru
2)OBATA Emiko
3)MIYAKE Taiji
4)KANNO Hisashi

(57) Abstract :

In order to provide a novel azole derivative the azole derivative of the present invention is an azole derivative represented by general formula (V). (In the formula each of R and R independently represents a hydrogen atom an alkyl group having 1 4 carbon atoms a phenyl group or a benzyl group; X represents a halogen atom an alkyl group having 1 4 carbon atoms a haloalkyl group having 1 4 carbon atoms an alkoxy group having 1 4 carbon atoms a haloalkoxy group having 1 4 carbon atoms a phenyl group a cyano group or a nitro group; m represents an integer of 0 5; and A represents a nitrogen atom or a methine group.)

No. of Pages : 152 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9694/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DEVICE FOR PRODUCING PAD SHAPED HOLLOW BODIES

(51) International classification	:A21C15/02
(31) Priority Document No	:A 670/2011
(32) Priority Date	:11/05/2011
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2012/058138
Filing Date	:03/05/2012
(87) International Publication No	:WO 2012/152656
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HAAS FOOD EQUIPMENT GMBH
Address of Applicant :Gerstlgasse 25 A 1210 Vienna Austria
(72)**Name of Inventor :**
1)HAAS Johannes
2)HAAS Josef
3)JIRASCHEK Stefan
4)SACHSENHOFER Johann
5)HOGL Josef

(57) Abstract :

The invention relates to a device for producing pad shaped hollow bodies that are formed by dividing hot waffle rolls that can be plastically deformed at the baking temperature. At least one pressing device (26 27 28) is provided in the frame (16) of the device (15) circulating around a circular path. Said pressing device is embodied as mechanically actuatable tongs and divides the waffle rolls into pad shaped hollow bodies. A rotating support (20) is arranged flat in the frame (16) of the device (15) said rotating support containing the pressing device (26 27 28) embodied as tongs and moving along the circular path from an upper receiving position for receiving the waffle rolls to a lower dispensing position for dispensing the pad shaped hollow bodies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9695/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/12/2013

(43) Publication Date : 12/09/2014

(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	(71)Name of Applicant :
(31) Priority Document No	:61/556398	1)PANASONIC CORPORATION
(32) Priority Date	:07/11/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2012/007095	(72)Name of Inventor :
Filing Date	:06/11/2012	1)SASAI Hisao
(87) International Publication No	:WO 2013/069255	2)NISHI Takahiro
(61) Patent of Addition to Application		3)SHIBAHARA Youji
Number	:NA	4)SUGIO Toshiyasu
Filing Date	:NA	5)TANIKAWA Kyoko
(62) Divisional to Application Number	:NA	6)MATSUNOBU Toru
Filing Date	:NA	7)TERADA Kengo

(57) Abstract :

An image encoding method comprising: a binarization step (S401) in which the LAST position information is binarized to generate either (i) a binarized signal which includes a first signal having a length equal to or shorter than a predetermined maximum length and which does not include a second signal or (ii) a binarized signal which includes a first signal having a predetermined maximum length and a second signal; a first encoding step (S402) in which the context for each binary symbol in the first signal is switched according to the bit position of the binary symbol and the binary symbols are arithmetically encoded; and a second encoding step (S404) in which if the binarized signal includes a second signal the second signal is arithmetically encoded using a fixed probability. In the first encoding step if the first signal has the predetermined maximum length the binary symbol at the final bit position in the first signal is arithmetically encoded using a context exclusive to the final bit position.

No. of Pages : 115 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8901/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR TREATING MICROFIBRILLATED CELLULOSE AND MICROFIBRILLATED CELLULOSE TREATED ACCORDING TO THE PROCESS

(51) International classification :D21C9/00,B01D61/56,D21C9/18
(31) Priority Document No :1150436-2
(32) Priority Date :13/05/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/IB2012/052351
Filing Date :11/05/2012
(87) International Publication No :WO 2012/156880 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)STORA ENSO OYJ

Address of Applicant :Kanavaranta 1 FI 00101 Helsinki
Finland

(72)Name of Inventor :

1)HEISKANEN Isto

2)BACKFOLK Kaj

3)KOTILAINEN Ari

4)GAIDELIS Valentas

5)SIDARAVICIUS Jonas

(57) Abstract :

The present invention relates to a process for dewatering a slurry comprising microfibrillated cellulose wherein the process comprises the following steps of providing a slurry comprising microfibrillated cellulose and liquid subjecting the slurry to an electric field inducing the liquid of the slurry to flow and separating the liquid from the microfibrillated cellulose. The invention also relates to microfibrillated cellulose dewatered according to the process.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/11/2013

(21) Application No.8902/CHENP/2013 A

(43) Publication Date : 12/09/2014

(54) Title of the invention : LIFT AXLE CONTROL VALVE ASSEMBLY FOR A MOTOR VEHICLE

(51) International classification :B60G17/052,B60G11/27
(31) Priority Document No :1272/CHE/2011
(32) Priority Date :12/04/2011
(33) Name of priority country :India
(86) International Application No :PCT/IN2012/000257
Filing Date :10/04/2012
(87) International Publication No :WO 2012/140672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)WABCO INDIA LIMITED

Address of Applicant :Plant I Plot No.3 (SP) III Main Road
Ambattur Industrial Estate Chennai 600058 Tamil Nadu India

(72)Name of Inventor :

1)SELVAMANI SUNDARAMAHALINGAM

2)SREENIVASAN NARAYANAN

3)GANESAMOORTHY ARUMUGHAM

4)THAMEESDEEN SAHUL HAMEED

5)VEERAMUTHU BABU

(57) Abstract :

A lift axle control valve assembly (1) for a lift axle suspension system comprises: a pneumatic spool valve (4) for adjusting the air volume of at least a suspension bellow (14) and a lift bellow (16) a pressure differential valve (9) for controlling said spool valve (4) an electrically actuated pneumatic valve device (7 8) for receiving at least one electric control signal (SI S2) and controlling said pressure differential valve (9) and a relay valve (10) controlled by said pneumatic spool valve (4) wherein said lift axle control valve assembly (1) comprises a multilayer construction with at least two valve levels and at least two layers comprising air passages (11a 11b 11c 11d 11e 11f 11g 11h 11k) for conducting air wherein said valve levels are separated by at least two layers wherein said valves are positioned in said valve levels an connected with each other by said air passages (11) of said layers.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8903/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AMPLIFIER WITH HIGH POWER SUPPLY NOISE REJECTION

(51) International classification	:H03F1/30
(31) Priority Document No	:61/502752
(32) Priority Date	:29/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/045130
Filing Date	:29/06/2012
(87) International Publication No	:WO 2013/003821
(61) 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)DHANASEKARAN Vijayakumar

(57) Abstract :

An amplifier with high power supply rejection is disclosed. In an exemplary implementation an amplifier includes a first stage configured to receive a signal to be amplified a second stage comprising an input transistor coupled to the first stage and further comprising at least one additional transistor and a voltage regulator configured to received a first supply voltage and generate a regulated supply voltage the first supply voltage coupled to the at least one additional transistor the regulated supply voltage coupled to the first stage and the input transistor of the second stage to improve power supply noise rejection of the apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8906/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SLOT COUPLING TYPE EMITTER AND ANTENNA COMPRISING SAME

(51) International classification :H01Q9/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/KR2011/003667

Filing Date :18/05/2011

(87) International Publication No :WO 2012/157796

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ACE TECHNOLOGIES CORPORATION

Address of Applicant :24B5L 451 4 Nonhyeon dong Namdong
gu Incheon 405 849 Republic of Korea

(72)Name of Inventor :

1)KITCHENER Dean

(57) Abstract :

An emitter which receives power that is fed through a slot on a reflective plate and is simple to manufacture and an antenna comprising same are disclosed. The antenna comprises the reflective plate and the emitter. The emitter comprises power feeding portions which are aligned on a first surface of the reflective plate and a first base plate and a second base plate for supporting a first radiating element and a second radiating element which extend from the power feeding portions so as to be parallel to or tilted toward the reflective plate wherein the base plates are capacitively coupled to the reflective plate.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8907/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : DOUBLE MOTION GAS INSULATED TYPE CIRCUIT BREAKER

(51) International classification	:H01H33/12,H01H33/70	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ABB TECHNOLOGY AG
(32) Priority Date	:NA	Address of Applicant :Affolternstrasse 44 CH 8050 Z ^u rich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2011/057792	(72) Name of Inventor :
Filing Date	:13/05/2011	1)OHLSSON Daniel
(87) International Publication No	:WO 2012/155952	2)KORBEL Jakub
(61) Patent of Addition to Application Number	:NA	3)MAHDIZADEH Navid
Filing Date	:NA	4)KOTILAINEN Sami
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gas insulated type circuit breaker (1) comprises a housing (4) defining a gas volume for a dielectric insulation gas; a first nominal contact element (42) and a second nominal contact element (52) adapted for selectively carrying or interrupting a nominal current between them wherein the first nominal contact element (42) is movable along an axis (2) of the circuit breaker and the second nominal contact element (52) is fixed relative to the housing (4); a first arcing contact element (62) and a second arcing contact element (72) adapted for selectively carrying or interrupting an arcing current between them wherein the first arcing contact element (62) and the second arcing contact element (72) are movable along the axis (2); a first gear (20) coupling the first nominal contact element (42) and the first arcing contact element (62) to each other such that for circuit breaking the first nominal contact element (42) and the first arcing contact element (62) are both moved in a first direction along the axis (2); and a second gear (30) coupling the second arcing contact element (72) to one of the first nominal contact element (42) and the first arcing contact element (62) such that for circuit breaking the second arcing contact element (72) moves in a second direction along the axis (2) opposite to a first direction.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9655/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CONTINUOUSLY COATING CONFECTIONARY PRODUCT

(51) International classification	:B66D	(71)Name of Applicant :
(31) Priority Document No	:61/491759	1)INTERCONTINENTAL GREAT BRANDS LLC
(32) Priority Date	:31/05/2011	Address of Applicant :100 Deforest Avenue East Hanover NJ
(33) Name of priority country	:U.S.A.	07936 U.S.A.
(86) International Application No	:PCT/US2012/039973	(72)Name of Inventor :
Filing Date	:30/05/2012	1)ELEJALDE Cesar C.
(87) International Publication No	:WO 2012/166785	2)VAN NIEKERK Miles
(61) Patent of Addition to Application	:NA	3)COTTEN Gerald B.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system for continuously coating individual pieces of confectionary product the system including a product feed device at least one drum coating arrangement configured to continuously receive the individual pieces of confectionary product from the product feed device the drum coating arrangement including a first rotating drum rotatable about a first drum axis and a second rotating drum rotatable about a second drum axis a first drum volume defined by the first rotating drum and a second drum volume defined by the second rotating drum the first drum volume being communicable with the second drum volume wherein the drum coating arrangement is configured such that the confectionary product has a longer residence time in the second drum volume than the first drum volume.

No. of Pages : 30 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9659/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : ARTHROPOD PEST CONTROL COMPOSITION AND METHOD FOR CONTROLLING ARTHROPOD PESTS

(51) International classification	:A01N43/56
(31) Priority Document No	:2011-155104
(32) Priority Date	:13/07/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/068402
Filing Date	:12/07/2012
(87) International Publication No	:WO 2013/008949
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUMITOMO CHEMICAL COMPANY LIMITED
Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo
1048260 Japan
(72)**Name of Inventor :**
1)OGAWA Masaomi
2)HIROTOMI Yukie

(57) Abstract :

Disclosed is an arthropod pest control composition having an excellent controlling effect on arthropod pests which comprises an amide compound represented by formula (a) a spinosin compound represented by formula (1) wherein R R X X are defined in the present claims and one or more compounds selected from Group (A) consisting of fipronil pymetrozine a compound represented by formula (b) and a neonicotinoid compound containing a nitroguanidine structure.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9719/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS FOR IN LINE THERMALLY TREATING SEMI FINISHED PRODUCTS

(51) International classification :B21B45/02
(31) Priority Document No :MI2011A000848
(32) Priority Date :13/05/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/058752
Filing Date :11/05/2012
(87) International Publication No :WO 2012/156302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DANIELI & C. OFFICINE MECCANICHE S.P.A.
Address of Applicant :Via Nazionale 41 I 33042 Buttrio Italy
(72)Name of Inventor :
1)BORDIGNON Giuseppe
2)POLONI Alfredo
3)ZERAJIC Miroslav

(57) Abstract :

An apparatus (1) for cooling a bar (10) comprising: an outer casing (3) a passageway (2) defining a crossing direction (X) for the bar (10) at least one drum (4) comprising a plurality of cooling lines (6) each having at least one respective through cavity (9) parallel to the crossing direction (X) and a respective cover (15) which can move between an open position and a closed position the drum (4) being accommodated in the casing (3) and rotational about a rotation axis (Y) to move the cooling lines (6) between an operating position (11) in which the cavity (9) is aligned with the passageway (2) and at least one resting position (12) in which the cavity (9) is separated from the passageway (2) the casing (3) being shaped so as to touch and hold the respective cover (15) in the closed position when the cooling line (6) is in the resting position (12).

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9394/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : FERRITIC STAINLESS STEEL

(51) International classification :C22C38/00,C22C38/50,C22C38/54
(31) Priority Document No :2011132775
(32) Priority Date :15/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003894
Filing Date :14/06/2012
(87) International Publication No :WO 2012/172808
(61) 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
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
ku Tokyo 1000011 Japan
(72)Name of Inventor :
1)ISHII Kazuhide
2)YAMAUCHI Katsuhisa
3)ISHIBASHI Genichi
4)KAMIMARU Akinobu

(57) Abstract :

Provided is ferritic stainless steel which has excellent surface quality while exhibiting excellent corrosion resistance and excellent acid pickling performance in a welded portion. Ferritic stainless steel which is characterized by containing in mass% 0.010% or less of C 0.15 0.60% of Si 0.5% or less of Mn 0.04% or less of P 0.01% or less of S 0.2% or less of Al 17.0 19.0% of Cr 0.3 0.5% of Cu 0.6% or less of Ni 0.10 0.20% of Ti and 0.015% or less of N with C + N being 0.02% or less and with the balance made up of Fe and unavoidable impurities. The ferritic stainless steel is also characterized by satisfying formula (1). $Ti\%/(C\% + N\%) = 8$ (1) In this connection C% N% and Ti% respectively represent the contents (mass%) of C N and Ti.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9397/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 12/09/2014

(54) Title of the invention : PHOTOGRAPHING APPARATUS AND METHOD IMAGE REPRODUCTION APPARATUS AND METHOD PROGRAM AND RECORDING MEDIUM

(51) International classification :H04N5/91,H04N5/225,H04N5/232
(31) Priority Document No :2011120403
(32) Priority Date :30/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003343
Filing Date :22/05/2012
(87) International Publication No :WO 2012/164873
(61) 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)YAMAMOTO Kazuyuki

(57) Abstract :

An apparatus is provided. The apparatus includes a hardware processor; and a storage medium coupled to the processor. The storage medium stores instructions that when executed by the processor cause the apparatus to generate a motion signal indicating movement of an image recording device over time during generation of image data; and store the image data and the motion signal in the storage medium.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9944/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A METHOD FOR SCHEDULING USERS IN A CELLULAR ENVIRONMENT FOR APPLYING PARETO OPTIMAL POWER CONTROL SCHEDULER AND WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04L
(31) Priority Document No	:11170113.2
(32) Priority Date	:16/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/061341
Filing Date	:14/06/2012
(87) International Publication No	:WO 2012/172010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NTT DoCoMo Inc.
Address of Applicant :SANNOKAWA PARK TOWER 36th Floor 11
1 Nagata cho 2 chome Chiyoda ku Tokyo 100 6150 Japan

(72)**Name of Inventor :**
1)BURCHARDT Harald
2)SINANOVIC Sinan
3)HAAS Harald
4)AUER Gunther

(57) Abstract :

An approach for scheduling users (MS MS) in a cellular environment such that a Pareto optimal power control can be applied wherein in each cell (C C) of the cellular environment there are a plurality of user comprises scheduling users (MS MS) such that a number of groups of interfering users from different cells (C C) which fulfill a feasibility condition for the Pareto optimal power control is maximized.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9945/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PLASTIC FILM AND INFUSION SOLUTION BAG

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:2011154050	1)HOSOKAWA YOKO CO. LTD.
(32) Priority Date	:12/07/2011	Address of Applicant :11 5 Niban cho Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1020084 Japan
(86) International Application No	:PCT/JP2012/067465	(72)Name of Inventor :
Filing Date	:09/07/2012	1)IWASAKI Toshiharu
(87) International Publication No	:WO 2013/008780	2)NAKAMURA Manabu
(61) Patent of Addition to Application Number	:NA	3)KAGEYAMA Yohei
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A plastic film according to the present invention comprises: a first outer layer comprising a polyester elastomer; a second outer layer comprising a high density polyethylene; a first intermediate layer arranged between the first outer layer and the second outer layer and containing a liner low density polyethylene as the main component; and a second intermediate layer arranged between the first outer layer and the first intermediate layer and containing a polymer of an olefin and an unsaturated carboxylic acid or an anhydride monomer of an unsaturated carboxylic acid as the main component. The plastic film can be produced by a co extrusion method.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9946/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HPV VACCINE FORMULATIONS COMPRISING ALUMINUM ADJUVANT AND METHODS OF PRODUCING SAME

(51) International classification	:C12N15/00
(31) Priority Document No	:61/500829
(32) Priority Date	:24/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/043694
Filing Date	:22/06/2012
(87) International Publication No	:WO 2012/177970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERCK SHARP & DOHME CORP.
Address of Applicant :126 East Lincoln Avenue Rahway New Jersey 07065 0907 U.S.A.
(72)**Name of Inventor :**
1)BHAMBHANI Akhilesh
2)CHINTALA Ramesh V.

(57) Abstract :

The invention provides human papillomavirus (HPV) antigen formulations which show increased antigen stability. More specifically the invention provides stable HPV formulations comprising HPV virus like particles (VLPs) bound to an aluminum salt adjuvant and further comprise a combination of sucrose and mannitol. The vaccine formulations of the invention are stable following freeze thaw and freeze drying. Also provided are lyophilized and frozen HPV vaccine formulations comprising HPV VLPs of at least one HPV type adsorbed onto an aluminum salt adjuvant sucrose and mannitol. Methods of making the stable vaccine formulations of the invention are also provided.

No. of Pages : 62 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9947/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PESTICIDE COMPOSITIONS CONTAINING THYME OIL AND CINNAMON OIL

(51) International classification :A01N65/00

(31) Priority Document No :61/500453

(32) Priority Date :23/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/043661

Filing Date :22/06/2012

(87) International Publication No :WO 2012/177958

(61) 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 CORPORATION

Address of Applicant :100 Campus Drive Florham Park New
Jersey 07932 U.S.A.

(72)Name of Inventor :

1)SIMS Steven R.

(57) Abstract :

Pesticide compositions and methods of controlling insects and other pests are disclosed. Generally the pesticide compositions contain thyme oil and cinnamon oil as their principal active ingredients which when used in combination act synergistically to control pests such as crawling insects.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9949/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : BEARING DEVICE FOR SCREW CONVEYOR SHAFTS

(51) International classification	:F16C27/06
(31) Priority Document No	:10 2011 051 191
(32) Priority Date	:20/06/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2012/100173
Filing Date	:06/06/2012
(87) International Publication No	:WO 2012/175074
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WHEELABRATOR GROUP GMBH

Address of Applicant :Heinrich Schlick Strasse 2 48629
Metelen Germany

(72)Name of Inventor :

1)KAMPEN Berthold

(57) Abstract :

A bearing device (100) for screw conveyor shafts (200) comprises at least one shaft bearing unit (20) and a connecting shaft (50) guided in the shaft bearing unit (20) for connecting to at least one screw conveyor shaft (200). There is provided a stationary external housing (11) in which at least one shaft bearing unit (20) is arranged in a pivotable manner wherein at least one elastomeric ring element (13) is arranged between an inner ring of the external housing (11) and a lateral surface of the shaft bearing unit (20).

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8908/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : IMPROVED PROCESS FOR THE PRODUCTION OF HEXAMETHYLENEDIAMINE

(51) International classification	:C07C209/48,C07C211/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RADICI CHIMICA S.P.A.
(32) Priority Date	:NA	Address of Applicant :Via G. Verdi 11 I 24121 Bergamo Italy
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/055996	1)CRIPPA Tommaso
Filing Date	:15/04/2011	2)ALINI Stefano
(87) International Publication No	:WO 2012/139652	3)GUIDA Luciano
(61) Patent of Addition to Application Number	:NA	4)CORONA Alberto
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is described a process for the production of hexamethylenediamine by hydrogenation of adiponitrile comprising an improved step of regeneration of the catalyst. Also described are an equipment for the production of hexamethylenediamine and a washing apparatus (14) for implementing the catalyst regeneration step.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9444/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOVING STAIRCASE OR MOVING WALKWAY HAVING A STEP OR PALLET BELT LOCKING DEVICE

(51) International classification :F16D63/00,B65G21/00,B66B29/00
(31) Priority Document No :11164356.5
(32) Priority Date :29/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057283
Filing Date :20/04/2012
(87) International Publication No :WO 2012/146539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :Seestrasse 55 CH 6052 Hergiswil
Switzerland

(72)Name of Inventor :

1)MAKOVEC Christoph

2)ILLEDITS Thomas

3)HAUER Uwe

4)MATHEISL Michael

(57) Abstract :

The invention relates to a moving staircase (1) having a step belt (13) or a moving walkway (1) having a pallet belt (13) which step or pallet belt (13) comprises at least one transport chain (10 10A 10B) that is arranged in a revolving manner between a first and a second return region (2 3) of the moving staircase (1) or moving walkway (1). Steps (9) or pallets (9) are arranged on the transport chain (10 10A 10B) and connected to the transport chain (10 10A 10B). Further at least one locking device (7 7A 7B 47) which has at least one locking arm (8 8A 8B 48A 48B) is arranged in a stationary manner. The locking arm (8 8A 8B 48A 48B) can be brought into a release position or into an engagement position wherein said locking arm (8 8A 8B 48A 48B) engages in at least one link interspace in the transport chain (10 10A 10B) when in the engagement position and the locking arm (8 8A 8B 48A 48B) can be fixed in the respective release position or engagement position.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9790/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : VIDEO ENCODING DEVICE VIDEO DECODING DEVICE VIDEO ENCODING METHOD VIDEO DECODING METHOD VIDEO ENCODING PROGRAM VIDEO DECODING PROGRAM

(51) International classification	:H04N7/32
(31) Priority Document No	:2011144122
(32) Priority Date	:29/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/066282
Filing Date	:26/06/2012
(87) International Publication No	:WO 2013/002219
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan
(72)**Name of Inventor :**
1)BANDOY Yukihiro
2)MATSUO Shohei
3)TAKAMURA Seishi
4)JOZAWA Hirohisa

(57) Abstract :

Provided is video encoding device which divides an image into blocks having a predetermined size treats one component value and the other component value among the multiple component values of a motion vector between a block to be encoded and a block adjacent thereto as a first component value and a second component value respectively and encodes the first component value and the second component value so as to employ block based motion compensation interframe prediction said video encoding device being provided with: a first component encoding means for encoding a first component difference value; and a second component encoding means by which on the basis of the difference value between the first component value of the motion vector of the adjacent block and the first component value of the motion vector of the block to be encoded and the second component value of the motion vector of the adjacent block the probabilities of occurrence of candidate values for the second component value of the motion vector of the block to be encoded are obtained and on the basis of the probabilities a code word for the second component value is determined and the second component value is encoded.

No. of Pages : 57 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9794/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : COMPUTER SYSTEM CONNECTION DEVICE POWER SUPPLY CONTROL METHOD AND POWER SUPPLY CONTROL PROGRAM RECORDING MEDIUM

(51) International classification	:G06F1/26,G06F13/14	(71)Name of Applicant :
(31) Priority Document No	:2011128685	1)NEC CORPORATION
(32) Priority Date	:08/06/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2012/064848	(72)Name of Inventor :
Filing Date	:08/06/2012	1)HIGUCHI Junichi
(87) International Publication No	:WO 2012/169637	2)HIDAKA Youichi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

By a power supply state change of a host device (101) a host monitoring unit within a host connection device (301) senses a change in a connection state between the host device (101) and the host connection device (301) and notifies a host connection control unit. The host connection control unit notifies an I/O connection control unit within an I/O connection device (401) which is connected to an I/O device (201) which has power supply coupling permission of a change of connection state and carries out either a setting or disengagement of a duplex connection. After the setting or disengagement of the duplex connection is completed the I/O connection control unit notifies an I/O power supply control unit of the change of connection state and the I/O power supply control unit controls an I/O power supply (20).

No. of Pages : 102 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9796/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPLICATION MANAGEMENT METHOD AND APPLICATION PLATFORM

(51) International classification :H04L29/08
(31) Priority Document No :201110140138.8
(32) Priority Date :27/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/071918
Filing Date :05/03/2012
(87) International Publication No :WO 2012/163123
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
Address of Applicant :4/F. East 2 Block. SEG Park. Zhenxing Rd. Futian District Shenzhen Guangdong 518044 China
(72)**Name of Inventor :**
1)CHANG Qing

(57) Abstract :

Disclosed are an application (App) management method and an application platform. The method specifically comprises: an application platform installing a first App when a request of installing the first App installation is received and sending to a server the overview information of the first App; maintaining an App list in the server for each user the App list being used to store the overview information of all of the Apps installed for the user; and the application platform uninstalling a second App when a request of uninstalling the second App is received and notifying the server to delete the overview information of the second App from the App list of the user who sends the request of uninstalling the second App; the first App and the second App being the same or different Apps. Application of the technical solution of the present invention enables the user to conveniently and quickly acquire a list of previously installed Apps after switching the login location.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9085/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AN ANNULAR BARRIER WITH EXTERNAL SEAL

(51) International classification	:E21B33/12
(31) Priority Document No	:11171168.5
(32) Priority Date	:23/06/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/062120
Filing Date	:22/06/2012
(87) International Publication No	:WO 2012/175695
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Welltec A/S

Address of Applicant :Gydevang 25 DK 3450 Allerød
Denmark

(72)Name of Inventor :

1)HALLUNDBØK Jørgen

2)HAZEL Paul

3)ANDERSEN Tomas Sune

(57) Abstract :

The present invention relates to an annular barrier to be expanded in an annulus between a well tubular structure and an inside wall of a borehole downhole comprising a tubular part for mounting as part of the well tubular structure said tubular part having a longitudinal axis an expandable sleeve surrounding the tubular part and having an outer face each end of the expandable sleeve being fastened by means of a connection part to the tubular part and an aperture in the expandable sleeve or the connection part wherein a first connection and a second connection are fastened on the outer face of the expandable sleeve and a safety sleeve having an opening is fastened to the expandable sleeve by means of the first and the second connections the safety sleeve and the expandable sleeve defining a space being in fluid communication with the annulus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9088/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONTINUOUS AND REAL TIME CALIBRATION OF FIBER BASED MICROSCOPIC IMAGES

(51) International classification	:G06T5/00
(31) Priority Document No	:61/486551
(32) Priority Date	:16/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2012/001313
Filing Date	:16/05/2012
(87) International Publication No	:WO 2012/156826
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAUNA KEA TECHNOLOGIES
Address of Applicant :9 rue dEnghien F 75010 Paris France
(72)**Name of Inventor :**
1)SAVOIRE Nicolas
2)VERCAUTEREN Tom

(57) Abstract :

affinityAccording to a first aspect the invention relates to a method for processing images acquired by means image detectors with non uniform transfer functions and irregular spatial locations comprising: accumulating data from multiple images; defining an graph linking individual detectors that measure related signal; performing statistical analysis on the accumulated data from the linked detectors; and solving a system constructed from the results of the statistical analysis to estimate each detector transfer function the set of which compose a calibration of an imaging system.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9090/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR CHARACTERISING PHYSICAL PROPERTIES OF GRANULAR MATERIALS

(51) International classification :G01B11/02,G01B11/25,B07C5/34
(31) Priority Document No :2011/03166
(32) Priority Date :29/04/2011
(33) Name of priority country :South Africa
(86) International Application No :PCT/EP2012/001853
Filing Date :30/04/2012
(87) International Publication No :WO 2012/146392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)J&C BACHMANN GMBH
Address of Applicant :Silcherstrae 41 75323 Bad Wildbad
Germany
(72)Name of Inventor :
1)CIPOLD Michael Paul
2)WURST Helge Benjamin
3)BACHMANN Jan Felix

(57) Abstract :

The invention relates to a method and a device for characterising physical properties of granular materials. In order to obtain sufficient information about the shape and content of the individual particles of the granular material the device for carrying out the method comprises an optical measurement section that in order to carry out a laser triangulation comprises at least one laser (16) and two cameras (12) an x ray or gamma beam measuring device (18 20) comprising an x ray or gamma ray source (18) and an x ray or gamma ray detector (20) arranged opposite said source and a conveyor device (14) that moves the granular material along the measurement sections of the laser triangulation (12 16) and the x ray or gamma ray measuring device (18 20) in a mechanically supported manner.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9091/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLOW RATE CONTROL APPARATUS

(51) International classification	:F16K1/04,F16K1/42	(71)Name of Applicant :
(31) Priority Document No	:2011113633	1)SMC KABUSHIKI KAISHA
(32) Priority Date	:20/05/2011	Address of Applicant :4 14 1 Sotokanda Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1010021 Japan
(86) International Application No	:PCT/JP2012/063239	(72)Name of Inventor :
Filing Date	:17/05/2012	1)SHISHIDO Kenji
(87) International Publication No	:WO 2012/161234	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A flow rate control apparatus (10) is equipped with a valve mechanism (20) which is capable of controlling a flow rate of a pressure fluid that flows from a second port (16) to a first port (12). Second stopper walls (110a 110b) are formed on a seating section (100) of a needle valve (24) constituting the valve mechanism (20) and which is capable of advancing and retracting in an axial direction. In addition in a total valve closed state when the seating section (100) of the needle valve (24) is seated on a seat (50) of a first body (14) the second stopper walls (110a 110b) come into abutment and are stopped in a circumferential direction of the needle valve (24) with respect to first stopper walls (54a 54b) of the first body (14).

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9094/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR INJECTING LOW SALINITY WATER

(51) International classification :E21B43/20

(31) Priority Document No :61/487357

(32) Priority Date :18/05/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2012/059226

Filing Date :17/05/2012

(87) International Publication No :WO 2012/156495

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BP EXPLORATION OPERATING COMPANY

LIMITED

Address of Applicant :Chertsey Road Sunbury on Thames

Middlesex TW16 7BP U.K.

(72)Name of Inventor :

1)BRODIE James Andrew

2)JERAULD Gary Russell

(57) Abstract :

Methods apparatuses and computer readable instructions for determining the effectiveness of and for performing a low salinity waterflood. An ion diffusion distance value is determined based on the rate of diffusion of ions within the rock of a reservoir and the residency time of floodwater within the reservoir. The thickness of the layers of the reservoir are compared to this ion diffusion value to determine the effectiveness of performing a low salinity waterflood and also to enable the effective control of a waterflood and to assist in the determination of locations of wells.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9095/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR REDUCING ACKNOWLEDGMENT MESSAGE OVERHEAD

(51) International classification :H04L1/16
(31) Priority Document No :61/495261
(32) Priority Date :09/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041174
Filing Date :06/06/2012
(87) International Publication No :WO 2012/170585
(61) 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)WENTINK Maarten Menzo
2)VAN ZELST Albert

(57) Abstract :

Systems methods and devices for reducing the overhead required to transmit acknowledgment messages (ACKs) are described herein. In some aspects the ACKs are reduced in size. In some aspects the ACKs include several short training fields. In some aspects a receiver of the ACKs can determine the transmitter of the ACK based on when the ACK is received. In some aspects a receiver of the ACKs can determine the transmitter of the ACK based on information superimposed on the short training fields in the ACK.

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9097/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SCREEN INSPECTION DEVICE SCREEN INSPECTION METHOD AND PROGRAM

(51) International classification	:G06T7/00
(31) Priority Document No	:2011163564
(32) Priority Date	:26/07/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/003786
Filing Date	:11/06/2012
(87) International Publication No	:WO 2013/014849
(61) 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)TANIKAWA Yukiko

(57) Abstract :

A combination selector (20) generates multiple element combinations (combinations of two display elements) and selects element combinations having a distance between the two display elements of no more than a threshold value. A combination classifier (30) selects element combinations in which the two display elements have a color combination for which at least one of the following properties exceeds a threshold value set separately for each property: color difference saturation difference brightness difference or both brightness and saturation. The combination classifier (30) then calculates the relative frequency of each color combination wherein the relative frequency is a percentage indicating the number of element combinations belonging to a given color combination relative to the total number of element combinations generated by the combination selector (20). A screen evaluator (40) evaluates screen data having a total relative frequency that exceeds a threshold value as having an undesirable color scheme that would cause a user to feel fatigue or discomfort.

No. of Pages : 69 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8881/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CONNECTION APPARATUS FOR FLUID PRESSURE DEVICES

(51) International classification	:F15B21/04,F15B13/08	(71)Name of Applicant :
(31) Priority Document No	:2011104620	1)SMC KABUSHIKI KAISHA
(32) Priority Date	:09/05/2011	Address of Applicant :4 14 1 Sotokanda Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1010021 Japan
(86) International Application No	:PCT/JP2011/067173	(72)Name of Inventor :
Filing Date	:21/07/2011	1)WADA Makoto
(87) International Publication No	:WO 2012/153429	2)KATSUTA Koji
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In relation to fluid pressure devices a connection apparatus (18a 18b) by which a filter (12) a regulator (14) and a lubricator (16) that constitute a fluid pressure unit (10) are mutually connected is equipped with a base member (86) having a hole (98) therein a pair of first and second fastening members (88 90) mounted respectively on one side surface and another side surface of the base member (86) and first and second holders (92 94) in which the first and second fastening members (88 90) are retained. Additionally the first and second holders (92 94) engage respectively with engagement projections of the filter (12) the regulator (14) and the lubricator (16) and first and second nuts (126 128) are screw engaged with the first and second fastening members (88 90) whereby the fluid pressure devices are connected together through the first and second holders (92 94).

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8882/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FILTER APPARATUS

(51) International classification :B01D46/24,B01D46/00,B01D46/42
(31) Priority Document No :2011104627
(32) Priority Date :09/05/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/067180
Filing Date :21/07/2011
(87) International Publication No :WO 2012/153431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SMC KABUSHIKI KAISHA
Address of Applicant :4 14 1 Sotokanda Chiyoda ku Tokyo
1010021 Japan
(72)Name of Inventor :
1)YAMASE Norihide
2)OIKAWA Daisuke

(57) Abstract :

A filter apparatus (12) is equipped with a first body (20) a case unit (22) connected to a lower part of the first body (20) and a filter unit (24) which is accommodated in the interior of the case unit (22). The case unit (22) is made up from an outer case (40) which is formed as a bottomed cylinder from a light permeable transparent material and an inner case (42) that is inserted into the interior of the outer case (40). The case unit (22) is inserted into an installation hole (36) that opens on the lower part of the first body (20) and by rotation thereof projections (58) and retaining walls (56) provided on an outer circumferential surface of the case unit (22) are made to engage with support members (38) provided in the installation hole (36) to thereby result in a connected state.

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8883/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : AMINE FREE VOC FREE METAL WORKING FLUID

(51) International classification :C10M173/02
(31) Priority Document No :61/483271
(32) Priority Date :06/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/058086
Filing Date :03/05/2012
(87) International Publication No :WO 2012/152639
(61) Patent of Addition to Application
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(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHEMETALL GMBH
Address of Applicant :Trakehner Strae 3 60487 Frankfurt am
Main Germany
(72)**Name of Inventor :**
1)ZHAO Yixing

(57) Abstract :

The present application concerns an aqueous metalworking composition comprising in a concentrate or after dilution of a concentrate with water in a diluent: 0.002 to 40 % by weight of component (a) which is a lubricity agent comprising at least one water insoluble compound (a) having at least one hydrophobic aliphatic chain and at least one polar group and having a water solubility at 20 °C of less than 0.1 g/liter; 0.002 to 40 % by weight of component (b) comprising at least one water soluble corrosion inhibiting compound (b) having a water solubility at 20 °C of more than 0.1g/liter; 0.002 to 45 % by weight of at least one emulsifying and dispersing agent (c) which contains at least one emulsifying and/or dispersing compound (c) which is water soluble water miscible or water dispersible and which is selected from the group consisting of non ionic anionic and zwitterionic surfactants; 0.002 to 30 % by weight of an alkalinity agent (d) containing at least one alkaline water soluble compound (d) selected from the group consisting of hydroxides and carbonates; and 0.004 to 99 % by weight of a transport component (e) containing predominantly water. Further on the present application concerns a method of use of such aqueous metalworking composition as a coolant as a lubricant etc. and concerns further on a method to prepare an aqueous metalworking composition and a metalworking process.

No. of Pages : 58 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8885/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : CASE STRUCTURE FOR FLUID PRESSURE DEVICE

(51) International classification :B01D35/30,B01D46/00,B01D46/24
(31) Priority Document No :2011104623
(32) Priority Date :09/05/2011
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/067176
Filing Date :21/07/2011
(87) International Publication No :WO 2012/153430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SMC KABUSHIKI KAISHA
Address of Applicant :4 14 1 Sotokanda Chiyoda ku Tokyo
1010021 Japan
(72)Name of Inventor :
1)YAMASE Norihide
2)OIKAWA Daisuke

(57) Abstract :

In a case structure for a fluid pressure device a filter (12) that constitutes part of a fluid pressure unit (10) is equipped with a first body (20) a case unit (22) connected to a lower portion of the first body (20) and a filter unit (24) accommodated in the interior of the case unit (22). The case unit (22) is made up from an outer case (40) which is formed as a bottomed cylinder from a light permeable transparent material and an inner case (42) inserted into the interior of the outer case (40). Additionally by insertion of the case unit (22) into an installation hole (36) that opens on a lower portion of the first body (20) and rotating the case unit (22) projections (58) and retaining walls (56) provided on an outer circumferential surface of the case unit (22) engage with support members (38) provided in the installation hole (36) thus placing the case unit (22) in a connected state.

No. of Pages : 59 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8886/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : OVEN COMPRISING A CONTINUOUS BAKING BELT

(51) International classification :H05B6/10,H05B6/12,A21B1/42
(31) Priority Document No :A667/2011
(32) Priority Date :11/05/2011
(33) Name of priority country :Austria
(86) International Application No:PCT/EP2012/058137
Filing Date :03/05/2012
(87) International Publication No :WO 2012/152655
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HAAS FOOD EQUIPMENT GMBH
Address of Applicant :Gerstlgasse 25 A 1210 Wien Austria
(72)Name of Inventor :
1)HAAS Johannes
2)HAAS Josef
3)JIRASCHEK Stefan
4)JIRASCHEK Christoph

(57) Abstract :

The invention relates to an oven (1) comprising a continuous baking belt (2) and a belt preheating device (11). The oven (1) has a front belt deflecting station (3) a loading station (4) a baking chamber arranged in a housing (5) a delivery station (6) and a rear belt deflecting station (7). The upper strand (2a) of the baking belt (2) extends from the front belt deflecting station (3) through the baking chamber to the rear belt deflecting station (7). The lower strand (2b) of the baking belt (2) extends from the rear belt deflecting station (7) beneath the baking chamber to the front belt deflecting station (3). The belt preheating device (11) is arranged on the circulating path of the baking belt (2) outside the baking chamber. The baking belt (2) is embodied as a susceptor that can be inductively heated to a high belt preheating temperature. A large area inductor (13) of an inductive belt preheating system is arranged in the belt preheating device (11) said inductor inductively heating the baking belt (2) running in front of said inductor by means of the extensive magnet field produced thereby in a contact free manner.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8888/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR GENERATING TRANSMITTING AND RECEIVING STEREOSCOPIC IMAGES AND RELATED DEVICES

(51) International classification :H04N5/445,H04N5/45,H04N13/00
(31) Priority Document No :TO2011A000439
(32) Priority Date :17/05/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/052486
Filing Date :17/05/2012
(87) International Publication No :WO 2012/156940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SISVEL TECHNOLOGY S.R.L.
Address of Applicant :Via Castagnole 59 I 10060 None Italy
2)3DSWITCH S.R.L.
3)S.I.SV.EL SOCIETA ITALIANA PER LO SVILUPPO DELL ELETTRONICA S.P.A.
(72)Name of Inventor :
1)BALLOCCA Giovanni
2)DAMATO Paolo
3)PENNISI Dario

(57) Abstract :

A method is described for generating a stereoscopic video stream (101) comprising composite images (C) said composite images (C) comprising information about a right image (R) and a left image (L..) wherein pixels of said right image (R) and pixels of said left image (L) are selected and said selected pixels are entered into a composite image (C) of said stereoscopic video stream. All the pixels of said right image (R) and all the pixels of said left image (L) are entered into different positions in said composite image (C) by leaving one of said two images unchanged and breaking up the other one into two regions (R1 R2) comprising a plurality of pixels and entering said regions into said composite image (C).

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8889/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR COMBINED ROLLING AND STRETCHING OF TAPES

(51) International classification :B29C55/06,B29C55/18
(31) Priority Document No :11165637.7
(32) Priority Date :11/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058439
Filing Date :08/05/2012
(87) International Publication No :WO 2012/152786
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TEIJIN ARAMID B.V.
Address of Applicant :Velperweg 76 NL 6824 BM Arnhem
Netherlands
(72)**Name of Inventor :**
1)VAN DE HEE Hendrik
2)WILBERS Dennis

(57) Abstract :

The process according to the invention combines rolling and stretching of a sheet (101) into a tape on a calender. The sheet is rolled into a rolled sheet in the nip between two rolls (111 112) of the calender and the rolled sheet is stretched immediately thereafter into a tape on the surface of one (111) of the two calender rolls. The speed (V3) of the rolled sheet on the surface of the calender roll (111) is higher than the speed (111) of the calender roll. The position of the start of the neck down of the rolled sheet and the rate of neck down can be easily controlled by the proposed process.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1431/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : RESIDENCE TIME PLATE.

(51) International classification	:B01J 19/24
(31) Priority Document No	:12159429.5
(32) Priority Date	:14/03/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/055206
Filing Date	:14/03/2013
(87) International Publication No	:WO 2013/135799
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALFA LAVAL CORPORATE AB

Address of Applicant :P.O. Box 73, S- 22100 Lund, Sweden

(72)Name of Inventor :

1)LINGVALL,MAGNUS

2)HÖGLUND, KASPER

(57) Abstract :

The present invention relates to a residence time plate comprising a stack of at least two substantially parallel and elongated flow chambers arranged such that the elongated side of each flow chamber lies next to the elongated side of a neighboring flow chamber and is separated by said neighboring chamber by a separation wall. Each separation wall has at least one through hole forming a communication between two neighboring flow chambers, and the through holes are arranged in the separation walls on alternating sides of an imaginary central line drawn through the stack of flow chambers such that the flow direction in a flow chamber is along the extension of the flow chamber and opposite the flow direction of a neighboring chamber. Moreover, the residence time plate comprises at least one liquid inlet and at least one liquid outlet arranged such that liquid flowing from said inlet to said outlet passes through the stack of flow chambers. Further, at least one flow-path enhancing insert is arranged in at least one flow chamber and forming a number of insert flow passages in said flow chamber, wherein the insert flow passages are arranged such that liquid flowing in the flow chamber is directed through said insert flow passages, thereby forming a zigzag flow path along the flow direction of the flow chamber.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1432/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : CHANNEL PLATE HEAT TRANSFER SYSTEM

(51) International classification	:E04F 15/00
(31) Priority Document No	:12159461.8
(32) Priority Date	:14/03/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/055237
Filing Date	:14/03/2013
(87) International Publication No	:WO 2013/135813
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALFA LAVAL CORPORATE AB

Address of Applicant :P.O. Box 73, S- 22100 Lund, Sweden

(72)Name of Inventor :

1)HÖGLUND, KASPER

(57) Abstract :

The present invention relates to a flow-plate, which is dividable in mid plane. The flow-plate comprises two parts, each part comprises a channel side (2) and a utility side (3), and the two parts of the flow plate are counter parts and complementing each other. When the flow-plate is connected the two parts form a channel (7) between the two counter parting channel sides. Channel (7) comprises curved obstacles (4), sidewalls (5) and channel floors (6), said curved obstacles (4) are lined up in parallel rows separated by sidewalls (5), the backside of the rows of curved obstacles (4) have deep machined grooves (8) making the obstacles hollow for heat transfer fluids on utility sides (3). The present invention relates also to a flow-plate section and a flow module.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1433/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SPRING STEEL

(51) International classification :C22C38/00,C22C38/60
(31) Priority Document No :2012-029893
(32) Priority Date :14/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054248
Filing Date :14/02/2013
(87) International Publication No :WO 2013/122261
(61) 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

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
CHIYODA-KU, TOKYO 100-0011, JAPAN

(72)Name of Inventor :

1)HONJO, MINORU

2)UWAI, KIYOSHI

3)MITAO, SHINJI

(57) Abstract :

Provided is a spring steel having high strength and excellent decarburization resistance, whereby ferrite decarburization is suppressed in the top layer when manufacturing a predetermined wire rod by hot rolling through optimization of the added amounts of C, Si, Mn, Cr, Mo, and Sb compared to conventional high-strength spring steel. In addition to 0.35 mass% to 0.45 mass% of C, inclusive, 1.75 mass% to 2.40 mass% of Si, inclusive, 0.1 mass% to 1.0 mass% of Mn, inclusive, 0.01 mass% to less than 0.50 mass% of Cr, 0.01 mass% to 1.00 mass% of Mo, inclusive, 0.025 mass% or less of P, 0.025 mass% or less of S, and 0.0015 mass% or less of O, one or both of 0.035 mass% to 0.12 mass% of Sb, inclusive, and 0.035 mass% to 0.20 mass% of Sn, inclusive, is included under a predetermined relationship.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1434/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD OF WELDING STRUCTURAL STEEL AND WELDED STEEL STRUCTURE

(51) International classification	:B23K 9/18,B23K 31/12
(31) Priority Document No	:2012-066282
(32) Priority Date	:22/03/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/001898
Filing Date	:21/03/2013
(87) International Publication No	:WO 2013/140798
(61) 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 Zosen CORPORATION

Address of Applicant :7-89, NANKO-KITA 1-CHOME, SUMINOE-KU, OSAKA-SHI, OSAKA 559-8559, JAPAN

(72)Name of Inventor :

1)MITSUYOSHI NAKATANI

2)MASAMITSU ABE

3)JUNYA YAMADA

(57) Abstract :

A method of welding structural steel containing, by mass%, Cr: 1.5 to 3.5%, Mo: 0.5 to 1.5%, and V: 0.15 to 0.5%. It comprises preheating joint of the structural steel to be welded at temperatures of 150 to 250 degrees Celsius; multilayer welding the joint end portions; keeping the interpass temperature of the joint end portions during the multilayer welding at 150 to 350 degrees Celsius; then after welding completion, performing DHT by heat treating the weld zone before cooling down below 150 degrees Celsius under the conditions that the temperature is 250 to 340 degrees Celsius and that the treatment time is 5 to 10 hours.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1450/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CLEANING DEGRADED OIL

(51) International classification	:B01D29/00, B01D35/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/DK2012/050012
Filing Date	:10/01/2012
(87) International Publication No	:WO 2013/104361
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)C.C. JENSEN A/S

Address of Applicant :LØVHOLMEN 13, DK-5700
SVENDBORG DENMARK

(72)Name of Inventor :

1)JENSEN, SØREN HALLBERG

2)JENSEN, HENRIK HALLBERG

(57) Abstract :

A Method for cleaning degraded oil comprising oil-soluble degradation products and a system for implementing the method are disclosed. The method comprises the steps of receiving an inlet flow (1, 1a, 1b) of degraded oil, precipitating oil-soluble degradation products from the degraded oil by cooling the degraded oil, passing the cooled degraded oil as a filtration flow (3, 3a, 3b) through a filter (104, 204, 304) so as to retain the precipitated degradation products in the filter, and discharging an outlet flow (2, 2a, 2b) of cleaned oil.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1451/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : FLUID-TIGHT VIA

(51) International classification :H01R13/41,H01R13/52
(31) Priority Document No :10 2011 121 133.4
(32) Priority Date :13/12/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/074973
Filing Date :10/12/2012
(87) International Publication No :WO 2013/087576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOSTAL KONTAKT SYSTEME GMBH
Address of Applicant :AN DER BELLMEREI 10, 58513
LÜDENSCHIED GERMANY
(72)**Name of Inventor :**
1)KINDERMANN, GERD
2)RASCHKE, UWE
3)PITZUL, UWE
4)CIEZAREK, MAREK

(57) Abstract :

The invention relates to a fluid-tight via through a plastic body, comprising at least one flat contact which has one or more cross-sectional changes on an encapsulated part. The plastic body consists of a non-shrinking duroplast material, and the longitudinal edges of the at least one flat contact are rounded. In this manner, flat contacts can be used in a fluid-tight manner in high-pressure, high-temperature environments.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1452/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : PIEZOELECTRIC VALVE, AND OPTICAL GRANULATED SUBSTANCE SORTER EQUIPPED WITH AIR-BLOWING MEANS THAT USES THIS PIEZOELECTRIC VALVE

(51) International classification :F16K 31/02,B07C 5/10
(31) Priority Document No :2011-272819
(32) Priority Date :13/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007678
Filing Date :29/11/2012
(87) International Publication No :WO 2013/088661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SATAKE CORPORATION
Address of Applicant :7-2, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 1010021 JAPAN
2)MECHANO TRANSFORMER CORPORATION
3)KURODA PNEUMATICS LTD
(72)Name of Inventor :
1)ITO, TAKAFUMI
2)CHE, SZE KEAT
3)YANO, TAKESHI
4)KAMIMA, TAKESHI
5)HIRATA, TOSHITADA
6)HIGUCHI, TOSHIRO

(57) Abstract :

The objective of the present invention is to provide a piezoelectric valve for which the assembly work can be performed efficiently. This piezoelectric valve is characterized by being equipped with: a valve main body having a gas pressure chamber capable of receiving compressed gas supplied from the outside; plates arranged in the interior of the valve main body and affixed to the valve main body; and actuators. The actuators have a valving element, a piezoelectric element that generates, as displacement, the driving force required for the operation of the valving element, and a displacement magnification mechanism that magnifies the displacement of the piezoelectric element, causing the displacement to act on the valving element. The actuators are affixed to both surfaces of the plates and are arranged in the interior of the valve main body together with the plates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :25/02/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD FOR PRODUCING HIGHLY PURE PLATINUM POWDER, AS WELL AS PLATINUM POWDER THAT CAN BE OBTAINED ACCORDING TO SAID METHOD, AND USE THEREOF

(51) International classification	:G01K 7/00	(71) Name of Applicant :
(31) Priority Document No	:10 2013	1)HERAEUS PRECIOUS METALS GMBH & CO. KG
(32) Priority Date	:05/03/2013	Address of Applicant :Heraeusstraße 12-14, 63450 Hanau,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Joachim Kralik
(87) International Publication No	: NA	2)Martin Stettner
(61) Patent of Addition to Application Number	:NA	3)Hermann von Eiff
Filing Date	:NA	4)Jan Schapp
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A subject matter of the invention is a method for producing highly pure platinum on an industrial scale, as well as the use of said highly pure platinum. According to the method according to the invention, a hexahalogenoplatinate is reduced to platinum in acidic conditions.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : A TECHNIQUE FOR RECOVERING WASTE HEAT FROM INTERNAL COMBUSTION ENGINES

(51) International classification	:F01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMIT KUMAR SINGH PARIHAR
(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 waste heat recovery device for recovering waste heat from a system which provides at least a first waste heat medium and a second waste heat medium is provided. The waste heat recovery device includes an absorption refrigerator and a recovery module. The absorption refrigerator is adapted to receive the first waste heat medium and to generate a cooling effect from the first waste heat medium so received. The recovery module includes a cooling module and an organic Rankine cycle system. The cooling module is adapted to receive the second waste heat medium and to cool the second waste heat medium so received to a given temperature. The organic Rankine cycle system is adapted to receive the cooled second waste heat medium from the cooling module and to generate electricity from the cooled second waste heat medium so received.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1426/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : REFRIGERATION DEVICE.

(51) International classification	:F25B 1/00
(31) Priority Document No	:2011-272756
(32) Priority Date	:13/12/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/082322
Filing Date	:13/12/2012
(87) International Publication No	:WO 2013/089179
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD.

Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)YUKAKO KANAZAWA

2)JUNICHI SHIMODA

3)TATSUYA MAKINO

4)SHOUHEI MIYATANI

5)TOSHIHIKO TAKAYAMA

(57) Abstract :

Provided is a device which can satisfactorily collect a refrigerant to an outdoor unit by a pump down operation even if the volume of an indoor heat exchanger is greater than the volume of an outdoor heat exchanger. This air conditioning device is provided with an outdoor unit (20), an indoor unit (40) which has an indoor heat exchanger (42), and a control unit which executes a pump down operation. The outdoor unit (20) has an accumulator (22) which has a volume (Va), a compressor (24), an outdoor heat exchanger (28), an expansion valve (33), a large-diameter pipe (30), and the like, and such elements are interconnected by refrigerant piping (31). The volume (Vhi) of the indoor heat exchanger (42) is larger than the volume (Vho) of the outdoor heat exchanger (28). The large-diameter pipe (30) is provided so that the volume (Vt) of the large-diameter pipe (30) having a larger diameter than the refrigerant piping (31) satisfies the following relationship: volume (Vt) > volume (Vhi) - volume (Vho) - volume (Va).

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1427/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : POWER CONVERSION CIRCUIT

(51) International classification	:H02M 7/12
(31) Priority Document No	:2012-015255
(32) Priority Date	:27/01/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/076917
Filing Date	:18/10/2012
(87) International Publication No	:WO 2013/111402
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DAIKIN INDUSTRIES, LTD,
Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN
(72)**Name of Inventor :**
1)YASUTAKA TAGUCHI

(57) Abstract :

By outputting a compensation current in segments other than those during which leakage current is not prominent, this power conversion circuit reduces loss due to providing a compensation current. A diode bridge (11) has a pair of input terminals which input an alternating current from an AC source (3), and a pair of output terminals (111, 112) which output a direct current. A step-up chopper circuit (12) is connected to the pair of output terminals (111, 112), and steps up the inputted direct current voltage. The step-up chopper circuit (12) functions as a power factor correction circuit. A smoothing capacitor (13) is connected to the output side of the step-up chopper circuit (12) and smooths the voltage between the two terminals. An inverter (14) inputs the voltage between both terminals of the smoothing capacitor (13) and applies the AC power to the load (4). A leakage current reduction device (2) outputs a compensation current (Ic) which compensates for the leakage current (Ia) leaked from the load (4). The leakage current reduction device (2) outputs a compensation voltage (Ic) outside of the vicinity of the zero-cross points of the alternating current inputted from the AC source (3).

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1428/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : FIELD-PROGRAMMABLE LOGIC GATE ARRANGEMENT

(51) International classification	:H03K 19/177
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2012/052549
Filing Date	:15/02/2012
(87) International Publication No	:WO 2013/120516
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN, GERMANY
(72)**Name of Inventor :**
1)HOLGER HEINE
2)STEPHAN JORRA
3)HARALD KAPP

(57) Abstract :

The invention relates inter alia to a field-programmable logic gate arrangement (10). According to the invention, a dual-port or multi-port memory chip (20) having a predetermined number of ports that permit a parallel interrogation of the memory chip (20) and a read-out device (30) are provided. Said read-out device is suitable for reading out in parallel memory cells of the dual-port or multi-port memory chip (20) at at least two ports of the memory chip (20), for comparing in parallel the memory contents (I(A1), I(A2)) emitted at the at least two ports with a predetermined memory content (I-1, I-n) and, when the memory contents match, for emitting a result signal (S1-S4) signalling the match and/or the corresponding memory cell address of the memory cell having the predetermined memory content (I-1, I-n).

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.270/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM, METHOD AND COMPUTER-READABLE MEDIUM FOR DYNAMIC CACHE SHARING IN A FLASH-BASED CACHING SOLUTION SUPPORTING VIRTUAL MACHINES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LSI CORPORATION
(32) Priority Date	:NA	Address of Applicant :1320 RIDDER PARK DRIVE, SAN
(33) Name of priority country	:NA	JOSE, CA 95131 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRADEEP RADHAKRISHNA VENKATESHA
(87) International Publication No	: NA	2)SIDDHARTHA KUMAR PANDA
(61) Patent of Addition to Application Number	:NA	3)PARAG R. MAHARANA
Filing Date	:NA	4)LUCA BERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cache controller implemented in O/S kernel, driver and application levels within a guest virtual machine dynamically allocates a cache store to virtual machines for improved responsiveness to changing demands of virtual machines. A single cache device or a group of cache devices are provisioned as multiple logical devices and exposed to a resource allocator. A core caching algorithm executes in the guest virtual machine. As new virtual machines are added under the management of the virtual machine monitor, existing virtual machines are prompted to relinquish a portion of the cache store allocated for use by the respective existing machines. The relinquished cache is allocated to the new machine. Similarly, if a virtual machine is shutdown or migrated to a new host system, the cache capacity allocated to the virtual machine is redistributed among the remaining virtual machines being managed by the virtual machine monitor.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : "A ROTOR PROTECTION CIRCUIT FOR A SLIP RING INDUCTION MOTOR"

(51) International classification	:H02P 21/00	(71) Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION JAMSHEDPUR-831
(33) Name of priority country	:NA	001 Jharkhand India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ANURAG TRIPATHI
(87) International Publication No	: NA	2)S.K. AJMANI
(61) Patent of Addition to Application Number	:NA	3)VIKAS SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A protection circuit for a slip ring induction motor to reduce the slip ring motor failure which may arise due to burning of rotor winding wherein comprises means to sense the rotor ground fault; means to rotor phase failure; which based on the type of fault occurrence, are selectively operable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.92/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :22/01/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : CLAMPING CHUCK WITH INTEGRATED DRAWBAR

(51) International classification	:B23B 31/00	(71) Name of Applicant : 1)SYSTEM 3R INTERNATIONAL AB
(31) Priority Document No	:13158307.2	Address of Applicant :SORTERARGATAN 1, 16250
(32) Priority Date	:08/03/2013	VÄLLINGBY, Sweden
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:NA	1)ERIK MELLSTRÖM
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 :

The invention relates to a clamping device for machine tools, comprising a chuck (1.1) and a drawbar (1.2) for clamping separate pallets (1.3), with a bayonet- connection via rotational motion of that drawbar (1.2). In accordance with the invention, the rotational motion of the drawbar (1.2) is guided and determined by means (2.5, 2.7, 2.6, 2.4, 2.12, 3) in the chuck housing (2.3) interacting with the drawbar (1.2, 2.13). Further, the drawbar (1.2) is turnable mounted in the chuck (1.1) to impede the drawbars extraction out of the chuck, independent if the drawbar (1.2) is in clamping or undamped condition.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2658/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :21/07/2009

(43) Publication Date : 12/09/2014

(54) Title of the invention : DAMPING SHIM FOR DISC-TYPE BRAKE SYSTEM

(51) International classification :F16D 65/095
(31) Priority Document No :10-2007-0011623
(32) Priority Date :05/02/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/000727
Filing Date :05/02/2008
(87) International Publication No :WO 2008/097025
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)WOLVERINE KOREA CO., LTD.
Address of Applicant :#127-78, KUJANG-RI, PALTAN-MYEON, HWASEONG-CITY, KYEONGGI-DO 445-911
Republic of Korea
(72)Name of Inventor :
1)JIN, SUNG GU

(57) Abstract :

A damping shim for a brake pad used in a disc-type brake system is disclosed. The damping shim includes a pair of slits, which are cut at a predetermined region of the damping shim so as to be opposite to each other, and a sink, in which part of the damping shim between the slits is pressed to protrude in one direction at a predetermined height. Thus, when an anti-twisting structure is formed in a damping shim, an area where a steel base constituting the damping shim is subjected to plastic deformation is minimized. Further, a burr is inhibited from being generated during machining, and production time and cost can be effectively reduced. Simultaneously, the damping shim has better yield strength and flatness, compared to a known sleeve structure.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :23/07/2009

(43) Publication Date : 12/09/2014

(54) Title of the invention : LINEAR ELECTRICAL MACHINE FOR ELECTRIC POWER GENERATION OR MOTIVE DRIVE

(51) International classification	:B23H7/26
(31) Priority Document No	:10/612,723
(32) Priority Date	:02/07/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/020845
Filing Date	:29/06/2004
(87) International Publication No	:WO/2005/006522
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2721/KOLNP/2005
Filed on	:29/12/2005

(71)Name of Applicant :

1)TIAX LLC

Address of Applicant :15 ACORN PARK, CAMBRIDGE,
MA 02140 U.S.A.

(72)Name of Inventor :

1)CHERTOK, ALLAN

(57) Abstract :

A linear electrical machine may function as an alternator or a motor. Three annular magnets may be provided that move relative to a core. The magnets may all have a different magnetic orientation. Two magnets may have a north pole oriented in a direction parallel to an axis along which the magnets move relative to the core. Another magnet may have a north pole oriented in a direction perpendicular to the axis.

No. of Pages : 32 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM, METHOD, AND TERMINAL DEVICE FOR PROVIDING SERVICE

(51) International classification	:H04W 4/00
(31) Priority Document No	:2013- 043889
(32) Priority Date	:06/03/2013
(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 :**
1)RICOH COMPANY, LTD.
Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
OHTA-KU, TOKYO 143-8555, JAPAN
(72)**Name of Inventor :**
1)HASHIMOTO TAKAHIRO

(57) Abstract :

A system for providing multiple services by using one or more electronic devices connected to the system includes a data processing apparatus, a portable terminal including an obtaining unit that obtains device data from a target electronic device included in the one or more electronic devices, the device data identifying the one or more electronic devices, a receiving part that receives a selection of a target service included in the multiple services, and a determining part that determines whether the target service can be executed by the target electronic device according to the device data obtained from the target electronic device. In a case where the determining part determines that the target service can be executed by the target electronic device, the portable terminal and the data processing apparatus cooperate with each other and control the target electronic device for providing the target service.

No. of Pages : 71 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.111/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : ELECTRICAL TEST SWITCH

(51) International classification	:H01H 50/00
(31) Priority Document No	:13/789,370
(32) Priority Date	:07/03/2013
(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 :**
1)SCHWEITZER ENGINEERING LABORATORIES, INC
Address of Applicant :2350 NE HOPKINS COURT,
PULLMAN, WA99163 U.S.A.
(72)**Name of Inventor :**
1)JAMES R. KESLER

(57) Abstract :

Disclosed herein are various embodiments of electrical test switches. According to one embodiment, a test switch may include a switch lever, a test port configured to directly couple to a standard connector, a relay port, a field port, and an insulated frame configured to electrically insulate at least some electrically conductive portions of the test port, the relay connector, and the field connector from contact by a user. A user may actuate the switch lever in order to reconfigure the electrical test switch from a first configuration to a second configuration. In the first configuration, the test port contact is electrically isolated from the relay connector and the field connector is electrically connected to the relay connector. In the second configuration, the test port contact is electrically connected to the relay connector and the relay connector is electrically isolated from the field connector.

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

(54) Title of the invention : REFRIGERATION DEVICE

(51) International classification	:F25B 39/04,F25B 1/00
(31) Priority Document No	:2011-278427
(32) Priority Date	:20/12/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/082912
Filing Date	:19/12/2012
(87) International Publication No	:WO 2013/094638
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES,LTD,

Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)TAKAYUKI SETOGUCHI**2)KEISUKE TANIMOTO****3)NORIYUKI OKUDA****4)TAKAMUNE OKUI****5)JUNICHI SHIMODA****6)TSUYOSHI YAMADA**

(57) Abstract :

In an air-conditioning device (1), during cooling a refrigerant flows through a compressor (21), an outdoor heat exchanger (23), expansion mechanisms (24, 26), and an indoor heat exchanger (41) in this order, and during heating the refrigerant flows through the compressor (21), the interior heat exchanger (41), the expansion mechanisms (26, 24), and the outdoor heat exchanger (23) in this order. The indoor heat exchanger (41) is a cross fin-type heat exchanger, and the outdoor heat exchanger (23) is a laminated-type heat exchanger. The expansion mechanisms (24, 26) have an upstream-side expansion mechanism that depressurizes the refrigerant and a downstream-side expansion mechanism that depressurizes the refrigerant that has been depressurized by the upstream-side expansion mechanism. A refrigerant storage tank (25) for storing the refrigerant that has been depressurized by the upstream-side expansion mechanism is provided between the upstream-side expansion mechanism and the downstream-side expansion mechanism.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : HEAT GATHERING CONTAINER

(51) International classification	:F24D15/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)YUDING ENERGY TECHNOLOGY CO., LTD.
(32) Priority Date	:NA	Address of Applicant :NO.141, FUGUANG 6TH
(33) Name of priority country	:NA	LN.,WUGUANG RD., WURI DIST., TAICHUNG CITY 414,
(86) International Application No	:NA	R.O.C. Taiwan
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)FU-CHENG YANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat gathering container includes a container and several heat conducting plates. The plates has waved appearances and disposed to the bottom surface of the container. The plates are radially arranged. Thus, surface area for heat transfer is increased, and fresh air can still be supplied to heat source for maintaining complete combustion. Efficiencies of heat and fuel can be preformed well.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.271/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : POLAR-AXIS SOLAR TRACKER

(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

(71)Name of Applicant :

1)MECANIZADOS SOLARES, S.L.

Address of Applicant :POL.LND. SANTOS JUSTO Y
PASTOR 31510 FUSTIÑANA NAVARRA SPAIN

(72)Name of Inventor :

1)MASTORAKIS, STAVROS

2)ALPUENTE LUENGO, JOSE CARLOS

3)DIAZ CONTADOR, NURIA

4)LEON MUÑOZ, DIEGO

5)CASBAS ALEJANDRE, ANA ISABEL

(57) Abstract :

The present invention relates to a polar-axis solar tracker comprising a series of rows of photovoltaic modules (1) arranged, on support structures formed by stringers (2) and longitudinal shafts (3), wherein the support structures of the rows of photovoltaic modules (1) are articulated in rotating assembly by means of hinges (8 and 9) which establish an axis of rotation parallel to the shaft (3) of said support structures of the photovoltaic modules (1), having an operating system (5) which actuates the longitudinal movement of a bar (6) , which actuates the pivoting rotation of the support structures of the photovoltaic modules (1) on the corresponding hinges (8 and 9) through the connecting rods(7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.231/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/02/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : MOBILE DEVICE WITH CONTEXT SPECIFIC TRANSFORMATION OF DATA ITEMS TO DATA IMAGES

(51) International classification	:G06F 17/00
(31) Priority Document No	:13001146.3
(32) Priority Date	:07/03/2013
(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 :**
1) ABB TECHNOLOGY AG
Address of Applicant : AFFOLTERNSTR.44, 8050 ZÜRICH,
SWITZERLAND
(72) **Name of Inventor :**
1) MARKUS ALEKSY
2) BERND STIEGER
3) MIKKO RISSANEN

(57) Abstract :

In a mobile device (100) with processing unit, main memory (101), display memory (102) and display (180), a context module (110) identifies a user-context (115), a determiner module (105) determines correspondence or non-correspondence of data images (135-1 ... 135-6) in the main memory (101) to the user-context (115), a first selector module (140) selects corresponding data images (135-1, 135-2) for access by the display memory (101) in case of correspondence, a second selector module (120) select data items (105-1, 105-2) in case of non-correspondence, a transformation module (130) transforms selected data items (105-1, 105-2) to corresponding data images (135-3, 135-4) and stores them in the main memory (101), and an access module (150) lets the display memory (102) access the selected data images (145).

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING CARBON FIBER FABRICS AND FABRIC MANUFACTURED WITH THIS PROCESS

(51) International classification	:D06M 15/263
(31) Priority Document No	:MI2012A000245
(32) Priority Date	:20/02/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2013/051113
Filing Date	:11/02/2013
(87) International Publication No	:WO 2013/124760
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AUTOMOBILI LAMBORGHINI S.P.A.
Address of Applicant :VIA MODENA 12, I-40019
SANT'AGATA BOLOGNESE BO Italy
(72)**Name of Inventor :**
1)MASINI, ATTILIO

(57) Abstract :

Process for manufacturing carbon fiber fabrics, in which a fabric of carbon fiber (1) is impregnated with a silicone, polyurethane or acrylic emulsion (4) which is then dried together with the fabric (1). The present invention also relates to a fabric manufactured with this process as well as a coating for motor vehicles comprising this fabric.

No. of Pages : 9 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1435/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : SEALED - EDGE MIRROR AND METHOD FOR PRODUCTION THEREOF

(51) International classification	:B32B15/082,B32B15/20	(71)Name of Applicant :
(31) Priority Document No	:10 2012 100 293.2	1)HYDRO ALUMINIUM ROLLED PRODUCTS GMBH
(32) Priority Date	:13/01/2012	Address of Applicant :ALUMINIUMSTRASSE 1, 41515
(33) Name of priority country	:Germany	GREVENBROICH, GERMANY
(86) International Application No	:PCT/EP2013/050114	(72)Name of Inventor :
Filing Date	:04/01/2013	1)DENKMANN, VOLKER
(87) International Publication No	:WO 2013/104569	2)SCHENKEL, WILHELM
(61) Patent of Addition to Application		3)SIEMEN, ANDREAS
Number	:NA	4)HAMPEL, ULRICH
Filing Date	:NA	5)EBERHARD, SANDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a mirror comprising a mirror surface which is formed from a composite of a mirror film and a substrate, wherein the mirror film is arranged on the substrate and has at least one polymer layer as well as a metal layer arranged below the at least one polymer layer. The problem addressed by the invention is that of proposing a mirror which can be manufactured in a simple manner and at the same time has improved corrosion behaviour. According to a first teaching of the present invention, the indicated problem is solved in that a sealing seam for corrosion protection is provided at least in certain regions, said sealing seam being formed by an integrally joined bonding of the polymer layer with the substrate, wherein the metal layer is interrupted in the region of the sealing seam.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2686/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :23/07/2009

(43) Publication Date : 12/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR COEXISTENCE

(51) International classification	:H04B 7/26
(31) Priority Document No	:11/680,067
(32) Priority Date	:28/02/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/053555
Filing Date	:11/02/2008
(87) International Publication No	:WO 2008/106302
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOTOROLA, INC.
Address of Applicant :1303 EAST ALGONQUIN ROAD,
SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)**Name of Inventor :**
1)RUSSELL, MICHAREL E.
2)SHEYNMAN, ARNOLD
3)STRUHSAKER, PAUL F.
4)VAN BOSCH, JAMES A.

(57) Abstract :

A method for coexistence of an orthogonal frequency division multiple access (OFDMA) receiver (117) such as a WiMAX receiver with a synchronous frame-based transmitter (115) such as a Bluetooth transmitter within a mobile station (110) receives an estimated media access protocol (MAP") signal indicating when a MAP message is expected to be received by the OFDMA receiver (117) and uses it at a Bluetooth shutdown signal (190) at least when a MAP message is expected to be received. The MAP"signal can be taken directly from the OFDMA transceiver (117) or it may be produced through analysis of a receiver-enable (RXE) signal that includes not only MAP symbols but also downlink data symbols. The RXE signal can be analyzed using interrupt-and-timer, Fast Fourier Transform, covariance, and/or delay-locked loop techniques to extract historical MAP symbol information and generate expected MAP symbol information. Shutting down a Bluetooth transmitter during expected MAP message receipt permits the OFDMA receiver to maintain synchronicity with an access point while not requiring the Bluetooth transmitter to shut down every time the OFDMA receiver expects to receive an OFDMA symbol.

No. of Pages : 45 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.52/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : PEDESTRIAN ALERT SYSTEM FOR A MOTOR VEHICLE

(51) International classification	:G10K 11/00	(71) Name of Applicant : 1)GM GLOBAL TECHNOLOGY OPERATIONS LLC Address of Applicant :300 GM RENAISSANCE CENTER, DETROIT, MICHIGAN 48265-3000, U.S.A.
(31) Priority Document No	:13/793, 192	(72) Name of Inventor : 1)CHRISTOPHER L. FULTON 2)TIMOTHY C. SCHUTT
(32) Priority Date	:11/03/2013	
(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	

(57) Abstract :

A pedestrian alert system includes, a noise producing member having a primary acoustic output surface configured and disposed to direct noise from the noise producing member along a first axis, and at least one secondary acoustic output surface that allows noise to pass from the noise producing member along a second axis that is distinct from the first axis. An acoustic focusing member is provided about the noise producing member. The acoustic focusing member is configured and disposed to re-direct noise from the second axis toward the first axis.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1453/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (1R,4R)-6'-FLUORO-(N,N-DIMETHYL-AND N-METHYL)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO-[3,4,B]INDOL]-4-AMINE

(51) International classification	:C07D 491/107
(31) Priority Document No	:11009765.6
(32) Priority Date	:12/12/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/075002
Filing Date	:11/12/2012
(87) International Publication No	:WO 2013/087589
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GRÜNENTHAL GMBH
Address of Applicant :ZIEGLERSTRASSE 6, D-52078
AACHEN, GERMANY
(72)**Name of Inventor :**
1)PRÜHS, STEFAN
2)GRIEBEL, CARSTEN
3)HELL, WOLFGANG

(57) Abstract :

The present invention relates to a process for the preparation of (1r,4r)-6"-fluoro-N,N-dimethyl-4-phenyl-4",9"-dihydro-3"H-spiro[cyclohexane-1,1"-pyrano[3,4b]indol]-4-amine and (1r,4r)-6"-fluoro-N-methyl-4-phenyl-4",9"-dihydro-3"H-spiro[cyclohexane-1,1"-pyrano[3,4b]- indol]-4-amine or physiologically acceptable acid addition salts thereof.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1454/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : HOT-DIP GALVANNEALED STEEL SHEET AND PRODUCTION METHOD THEREFOR

(51) International classification	:C22C38/14,C22C38/58	(71)Name of Applicant :
(31) Priority Document No	:2012-019312	1)JFE STEEL CORPORATION
(32) Priority Date	:31/01/2012	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-0011 JAPAN
(86) International Application No	:PCT/JP2013/000434	(72)Name of Inventor :
Filing Date	:28/01/2013	1)HIDEYUKI KIMURA
(87) International Publication No	:WO 2013/114850	2)KATSUTOSHI TAKASHIMA
(61) Patent of Addition to Application	:NA	3)SHINJIRO KANEKO
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a high-strength hot-dip galvanized steel sheet and a production method therefor, said hot-dip galvanized steel sheet maintaining a high yield ratio (YR) and a high bake hardening amount (BH amount) from the perspective of improving collision resistance performance, and having excellent material properties, in particular strength and internal uniformity of an elongated coil, at $TS \geq 590$ MPa. The hot-dip galvanized steel sheet has a structure that: contains, in mass%, more than 0.060% but no more than 0.13% C, 0.01%-0.7% Si, 1.0%-3.0% Mn, 0.005%-0.100% P, no more than 0.010% S, 0.005%-0.100% sol. Al, no more than 0.0100% N, 0.005%-0.10% Nb, and 0.03%-0.15% Ti; fulfills the relationship $(Nb/93+Ti^*/48)/(C/12) > 0.08$ ($Ti^* = Ti - (48/14)N - (48/32)S$); and includes ferrite having an average crystal particle diameter of no more than 15 μm and an area ratio of at least 80%, and martensite having an area ratio of 1%-15%.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1455/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : COLD-ROLLED FLAT STEEL PRODUCT AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification	:C22C38/02,C22C38/04	(71) Name of Applicant :
(31) Priority Document No	:12175756.1	1)THYSSENKRUPP STEEL EUROPE AG
(32) Priority Date	:10/07/2012	Address of Applicant :KAISER-WIHELM-STR. 100, 47166
(33) Name of priority country	:EPO	DUISBURG, GERMANY
(86) International Application No	:PCT/EP2013/064551	(72) Name of Inventor :
Filing Date	:10/07/2013	1)SEBALD, ROLAND
(87) International Publication No	:WO 2014/009404	2)MATTISSEN, DOROTHEA
(61) Patent of Addition to Application Number	:NA	3)EBEST, SIGRUN
Filing Date	:NA	4)FOLLNER, STEFAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a cold-rolled flat steel product which, though it has high strength values, has a deformability that is characterized by a great elongation to fracture and a good hole-expansion ratio λ_M . For this purpose, the flat steel product is produced from a steel that consists of (in % by weight) C: 0.12 - 0.19%, Mn: 1.5 - 2.5%, Si: > 0.60 - 1.0%, Al: $\leq$ 0.1%, Cr: 0.2 - 0.6%, Ti: 0.05 - 0.15% and iron and unavoidable production-related impurities as the remainder, and has a pearlite- and bainite-free microstructure with 4 - 20% by volume martensite, 2 - 15% by volume residual austenite, the remainder ferrite, an elongation to fracture A80 of at least 15%, a tensile strength Rm of at least 880 MPa, a yield strength ReL of at least 550 MPa and a hole-expansion ratio λ_M of over 6%. Similarly, the invention relates to a method that allows the production of a flat steel product according to the invention in an easy way.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1423/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : AIR CONDITIONING DEVICE.

(51) International classification	:F24F 11/02
(31) Priority Document No	:2011-287103
(32) Priority Date	:28/12/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/008225
Filing Date	:25/12/2012
(87) International Publication No	:WO 2013/099199
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD.

Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)SHIN HIGASHIYAMA

2)HIROSHI DOUMAE

3)SHINYA OHTSUKI

4)MASAKI OKAUCHI

(57) Abstract :

An air conditioning device, having a power line (L), a signal line (S), and a common line (N) connected between an outdoor unit and an indoor unit. The indoor unit has a relay (K2R) that changes to an on status in which the signal line (S) and the power line (L) are connected, and an off status in which same are disconnected, using an indoor-side control circuit (23). The outdoor unit has a relay (K13R) that changes to an on status in which an outdoor-side control circuit (13) is connected to an AC power supply (40), and an off status in which same is connected to the signal line (S), by the outdoor-side control circuit (13). The relay (K2R) changes to the off status, and the outdoor unit is started up, after: the relay (K2R) changes to the on status while the relay (K13R) is in the off status, the outdoor-side control circuit (13) starts up, and the relay (K13R) changes to the on status.

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1424/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING WIRELESS POWER

(51) International classification :H02J 17/00
(31) Priority Document No :61/576,050
(32) Priority Date :15/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/010936
Filing Date :14/12/2012
(87) International Publication No :WO 2013/089499
(61) 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)Kyung-Woo LEE
2)Kang-Ho BYUN
3)Se-Ho PARK

(57) Abstract :

A method and apparatus are provided for transmitting wireless power to a wireless power receiver. The method includes detecting wireless power receiver within a service area of a wireless power transmitter; transmitting driving power for driving the wireless power receiver;; joining the wireless power receiver in a wireless power network managed by the wireless power transmitter; and transmitting charging power to the wireless power receiver.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1425/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014

(43) Publication Date : 12/09/2014

(54) Title of the invention : PERIPHERY MONITORING DEVICE FOR SELF-PROPELLED INDUSTRIAL MACHINE

(51) International classification :H04N 7/18,B60R
1/00
(31) Priority Document No :2012-003982
(32) Priority Date :12/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/050295
Filing Date :10/01/2013
(87) International Publication No :WO 2013/1055597
(61) 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 CONSTRUCTION MACHINERY CO., LTD.
Address of Applicant :A CORPORATION ORGANIZED
UNDER THE LAWS OF JAPAN, OF 5-1, KORAKU 2-CHOME,
BUNKYO-KU, TOKYO 112-8563, JAPAN
(72)**Name of Inventor :**
1)HIDEFUMI ISHIMOTO
2)YOUICHI KOWATARI
3)YOSHIHIRO INANOBE
4)EITARO ITO
5)KENTA TSUKIJISHIN
6)TAKAAKI ISHII

(57) Abstract :

The present invention is a periphery monitoring device for a self-propelled industrial machine in which a display controller performs processing in order to perform display upon a monitor with regard to a camera image acquired from cameras for which a plurality are placed upon the self-propelled industrial machine, wherein the display controller is provided with: a perspective conversion unit which generates an overhead image in which each camera image is converted to a respective top view; an image selection unit for selecting one or a plurality of images which are displayed upon a monitor from a plurality of camera images and a plurality of overhead images; an image combination unit for combining an icon indicating a disposed location of a camera which has acquired the image selected at the image selection unit upon the image; and an image generation unit which generates, as a display image, an image in which an icon has been combined at the image combination unit.

No. of Pages : 52 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1426/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : FIELD DEVICE

(51) International classification	:F16H 61/00
(31) Priority Document No	:102013102327.4
(32) Priority Date	:08/03/2013
(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)KROHNE MESSTECHNIK GMBH
Address of Applicant :LUDWIG-KROHNE-STRASSE 5,
47058 DUISBURG, GERMANY
(72)**Name of Inventor :**
1)MARTIN VAN DER LINDE

(57) Abstract :

A field device is described and shown. The object of the invention is, thus, to provide a field device that allows the simplest possible logging of relevant operational data. The object is met by a field device (1) comprising at least one data storage device (3) designed as an integral component of the field device (1) and a control unit (4) designed as an integral component of the field device (1). In this case, the control unit (4) stores a data set in the data storage device (3) depending on a monitoring event.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.272/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 12/09/2014

(54) Title of the invention : SYSTEM, METHOD AND COMPUTER-READABLE MEDIUM FOR MANAGING A CACHE STORE TO ACHIEVE IMPROVED CACHE RAMP-UP ACROSS SYSTEM REBOOTS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LSI CORPORATION
(32) Priority Date	:NA	Address of Applicant :1320 RIDDER PARK DRIVE, SAN
(33) Name of priority country	:NA	JOSE, CA 95131 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VINAY BANGALORE SHIVASHANKARAI AH
(87) International Publication No	: NA	2)SUBRAMANIAN PARAMESWARAN
(61) Patent of Addition to Application Number	:NA	3)MARK ISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cache controller having a cache store and associated with a storage system maintains information stored in the cache store across a reboot of the cache controller. The cache controller communicates with a host computer system and a data storage system. The cache controller partitions the cache memory to include a metadata portion and log portion. A separate portion is used for cached data elements. The cache controller maintains a copy of the metadata in a separate memory accessible to the host computer system. Data is written to the cache store when the metadata log reaches its capacity. Upon a reboot, metadata is copied back to the host computer system and the metadata log is traversed to copy additional changes in the cache that have not been saved to the data storage system.

No. of Pages : 31 No. of Claims : 20

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT(CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBE R	APPLICANT	TITLE	DATE OF CESSATION	APPROPRI ATE OFFICE
256369	M/S. PHILLIPS 66 COMPANY	MODIFIED LATEX DRAG REDUCER AND PROCESSES THEREFOR AND THEREWITH	07/09/2013	CHENNAI
215990	M/S. BASELL TECHNOLOGY COMPANY B.V.	A CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS AND A PROCESS FOR THE PREPARATION OF THE SAME	08/06/2013	CHENNAI
206285	MR.RAJENDRA BABU	A VEHICLE WITH NON STOP RIDING SYSTEM	21/02/2013	CHENNAI

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
257699	Samsung Electronics Co.Ltd.	A transmitter in a communication system for space-time frequency block coding selected by using a permutation matrix.	30/01/2014	KOLKATA

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	262683	2154/DEL/2007	15/10/2007 11:49:32	16/10/2006	WIRELESS RECEPTOR FOR COMMUNICATIONS WITHIN HOUSINGS	MILLIPORE CORPORATION	05/09/2008	DELHI
2	262684	1666/DELNP/2006	30/09/2003	30/09/2003	QUALITY OF SERVICE CONTROL IN A WIRELESS LOCAL AREA NETWORK	THOMSON LICENSING	10/08/2007	DELHI
3	262685	6849/DELNP/2007	03/03/2006	08/03/2005	SUBSTITUTED DIAZA-SPIRO-[4,4]-NONANE DERIVATIVES AND THEIR USE AS NEUROKININ ANTAGONISTS	JANSSEN PHARMACEUTICA N.V.,	21/09/2007	DELHI
4	262686	1968/DELNP/2009	05/10/2006	05/10/2006	PRODUCTION OF OLEFINS FROM BIORENEWABLE FEEDSTOCKS	UOP LLC	20/08/2010	DELHI
5	262687	4054/DELNP/2006	21/12/2004	13/01/2004	METHOD AND SYSTEM FOR CONNECTING USER EQUIPMENT TO A COMMUNICATIONS NETWORK	NOKIA CORPORATION	13/07/2007	DELHI
6	262688	3572/DELNP/2007	17/10/2005	18/10/2004	PRIMERS, PROBES AND METHODS FOR LATE PCR	BRANDEIS UNIVERSITY	31/08/2007	DELHI
7	262694	3496/DELNP/2006	16/12/2004	19/12/2003	ENCLOSURE SYSTEM FOR PRESSURE RELIEF DEVICE	QUALITROL CORPORATION	31/08/2007	DELHI
8	262695	760/DEL/2005	31/03/2005		BIOSENSOR DEVICE FOR THE DETERMINATION OF CAFFEINE IN FOOD SAMPLES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
9	262696	3575/DELNP/2006	22/12/2004	31/12/2003	A METHOD AND A DEVICE FOR ELECTROMAGNETIC MEASUREMENT OF THICKNESS AND ELECTRICAL CONDUCTIVITY	ABB AB	31/08/2007	DELHI
10	262697	5107/DELNP/2007	20/03/2006	18/03/2005	ACYLATED GLP-1 ANALOGS COMPRISING NON-PROTEOGENIC AMINO ACID RESIDUE	NOVO NORDISK A/S	17/08/2007	DELHI

11	262699	4980/DELNP/2006	23/02/2005	23/02/2005	A DEVICE AND METHOD THAT INCREASES THE RATE OF REPRODUCTION OF LIVING CELLS IN SUSPENSION OR OF ANY CULTURABLE ORGANISMS	EUDES FRANCOIS MARIE DE CRECY	17/08/2007	DELHI
12	262700	838/DEL/2007	17/04/2007 12:05:30	21/04/2006	OFDM RECEIVER AND ITS AUTOMATIC GAIN CONTROL CIRCUIT	SONY CORPORATION	02/11/2007	DELHI
13	262701	6924/DELNP/2006	17/05/2005	20/05/2004	COOLING WATER FOR A NATURAL GAS CONVERSION COMPLEX	THE PETROLEUM OIL AND GAS CORPORATION OF SOUTH AFRICA (PTY) LTD.	13/07/2007	DELHI
14	262702	255/DEL/2005	08/02/2005	01/03/2004	MULTIBAND PLANAR ANTENNA	THOMSON LICENSING S.A	29/12/2006	DELHI
15	262703	2019/DELNP/2005	21/11/2003	21/11/2002	AN EYE DETECTION INSTALLATION	TOBII TECHNOLOGY AB	06/04/2007	DELHI
16	262704	4134/DELNP/2007	10/11/2005	02/12/2004	ORAL CARE COMPOSITION COMPRISING A PHENOLIC COMPOUND AND ANTIOXIDANT VITAMINS AND VITAMIN DERIVATIVES	COLGATE-PALMOLIVE COMPANY	31/08/2007	DELHI
17	262706	256/DELNP/2008	04/07/2006	05/07/2005	VOICE SYNCHRONIZATION DURING CALL HANDOFF	RESEARCH IN MOTION LIMITED.,	25/07/2008	DELHI
18	262707	299/DEL/2005	11/02/2005	17/02/2004	METHOD FOR PROVIDING A SIMULATED OFF STATE IN A COMPUTING DEVICE	MICROSOFT CORPORATION	02/10/2009	DELHI
19	262710	4499/DELNP/2007	09/12/2005	09/12/2004	QUATERNARY AMMONIUM SALTS AS A CONVERSION COATING OR AS ANTICORROSIVE ADDITIVE IN PAINTS	LONZA INC.	31/08/2007	DELHI
20	262717	3235/DELNP/2007	05/10/2005	05/10/2004	MOULDABLE BIODEGRADABLE POLYMER	PLANTIC TECHNOLOGIES LTD	24/08/2007	DELHI
21	262725	3503/DEL/2005	28/12/2005	04/01/2005	A METHOD FOR THE ANALYSIS OF THE PROPERTIES OF A TEST SPECIMEN (A) OF REDUCIBLE MATERIAL	LUOSSAVAARA-KIIRUNAVAARA AB	09/05/2008	DELHI
22	262730	561/DELNP/2007	25/07/2005	13/08/2004	A METHOD FOR MAKING A BIOERODIBLE IMPLANT FOR TREATING AN OCULAR CONDITION	ALLERGAN, INC.	17/08/2007	DELHI

23	262732	4442/DELNP/2008	01/12/2006	06/12/2005	A COMPOSITION COMPRISING A POLYMER BLEND COMPRISING POLYESTER MATRIX AND CO-BARRIER RESIN	DAK AMERICAS LLC	15/08/2008	DELHI
24	262743	5998/DELNP/2009	26/03/2008	26/03/2007	A PHOTOCATALYST COATING LIQUID	TOTO LTD.	02/07/2010	DELHI
25	262748	199/DELNP/2008	24/08/2006	09/08/2005	A PROCESS FOR LIQUEFYING A GAS STREAM RICH IN METHANE	EXXONMOBIL UPSTREAM RESEARCH COMPANY	04/07/2008	DELHI
26	262753	941/DEL/2003	29/07/2003	22/08/2002	DEVICE FOR USE BETWEEN A FLANGE OF A RAILWAY RAIL FASTENING ASSEMBLY FOR INHIBITING UNAUTHORISED WITHDRAWAL OF A RAILWAY RAIL FASTENING CLIP FROM SAID RAIL AND ASSEMBLY INCORPORATING SUCH DEVICE	PANDROL LIMITED	20/05/2005	DELHI
27	262758	5154/DELNP/2008	31/05/2006	22/12/2005	LOW GLOSS THERMOPLASTIC ARTICLES	SABIC INNOVATIVE PLASTICS IP B.V.	08/08/2008	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	195350	468/MUM/1999	28/06/1999		AN IMPROVED ELECTRONIC DEVICE FOR RECORDING BLOOD FLOW SIGNAL VARIABILITY.	DEPARTMENT OF ATOMIC ENERGY	18/09/1999	MUMBAI
2	262711	43/MUMNP/2009	02/08/2007	03/08/2006	TARGETED BINDING AGENTS DIRECTED TO PDGFR-ALPHA	ASTRAZENECA AB	15/05/2009	MUMBAI
3	262712	1208/MUMNP/2009	28/11/2007	29/11/2006	AN ACIDULATED CARBONATED BEVERAGE AND A METHOD OF PRODUCING THEREOF	THOS. BENTLEY & SON LIMITED	17/07/2009	MUMBAI
4	262714	2231/MUMNP/2010	11/06/2009	12/06/2008	METHOD FOR REDUCING ACRYLAMIDE FORMATION IN THERMALLY PROCESSED FOODS	FRITO-LAY NORTH AMERICA INC.	14/10/2011	MUMBAI
5	262721	2114/MUMNP/2008	20/04/2007	20/04/2006	A METHOD AND AN APPARATUS FOR CONTROLLING A PLURALITY OF SWITCHES	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
6	262723	1807/MUM/2006	30/10/2006		A PROCESS FOR THE PREPARATION OF BIOLOGICALLY ACTIVE PRODUCT	GENNOVA BIOPHARMACEUTICALS LTD.	18/07/2008	MUMBAI
7	262726	1856/MUM/2008	02/09/2008		BIPHENYL IMIDAZOLE COMPOUNDS	ELDER PHARMACEUTICALS LTD.	30/07/2010	MUMBAI
8	262729	2023/MUMNP/2008	16/04/2007	14/04/2006	A METHOD AND APPARATUS OF PERFORMING AN OPERATION BASED ON DISTANCE IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	21/11/2008	MUMBAI
9	262739	2307/MUM/2010	17/08/2010		PROCESS FOR PRODUCING 5-IODO-2-METHYLBENZOIC ACID	OMKAR SPECIALITY CHEMICALS LTD.	01/10/2010	MUMBAI

10	262742	1868/MUM/2007	24/09/2007		CLIMATE CONTROL SYSTEM INCLUDING RESPONSIVE CONTROLLERS	EMERSON ELECTRIC CO.	11/06/2010	MUMBAI
11	262756	2087/MUMNP/2010	02/03/2009	03/03/2008	SYSTEM AND METHOD FOR DIAMOND DEPOSITION USING A LIQUID-SOLVENT CARBON-TRANSFER MECHANISM	ZALMAN SHAPIRO	11/02/2011	MUMBAI
12	262776	346/MUM/2008	18/02/2008		METHOD FOR IN VITRO DISSOLUTION FOR SUBLINGUAL TABLETS	MAHESH VASUDEO ABHYANKAR, PRANA V MILIND AGTE, PRAFULLA VILAS BELGE, GAURAV J. TRIPATHI, BHAVIN SHANTILAL DEDHIA, PRADNYA PALEKAR SHANBHAG	09/10/2009	MUMBAI
13	262778	482/MUMNP/2009	06/08/2007	07/08/2006	CRYSTALLINE ANTIFUNGAL COMPOUNDS	STIEFEL LABORATORIES INC, PALAU PHARMA S A	15/05/2009	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	262689	677/CHENP/2007	18/08/2005	18/08/2004	NOVEL THIAZOLE INHIBITORS OF FRUCTOSE 1,6 - BISPHOSPHATASE	METABASIS THERAPEUTICS, INC.	24/08/2007	CHENNAI
2	262713	266/CHENP/2008	18/07/2006	18/07/2005	PROCESS FOR TRANSPORTING AND FILTERING RED MUD	CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED	19/09/2008	CHENNAI
3	262718	3512/CHENP/2007	10/02/2006	11/02/2005	SOLVENT FREE AQUEOUS POLYURETHANE DISPERSIONS AND SHAPED ARTICLES THEREFROM	INVISTA TECHNOLOGIES S.A.R.L.	16/11/2007	CHENNAI
4	262720	3395/CHENP/2007	03/02/2006	03/02/2005	TORQUE LIMITED DECOUPLER	LITENS AUTOMOTIVE PARTNERSHIP	16/11/2007	CHENNAI
5	262727	4028/CHENP/2007	15/03/2006	17/03/2005	A THERMOPLASTIC VULCANIZATE	DOW GLOBAL TECHNOLOGIES LLC	23/11/2007	CHENNAI
6	262728	1372/CHENP/2007	14/09/2005	04/10/2004	DOSE DISPLAY MECHANISM FOR A DRUG DELIVERY DEVICE	Sanofi-Aventis Deutschland GmbH, TERUMO CORPORATION	31/08/2007	CHENNAI
7	262734	979/CHE/2007	09/05/2007		NOVEL PROCESS FOR THE PREPARATION OF MONTELUKAST SALTS	MANNE SATYANARAYANA REDDY, MUPPA KISHORE KUMAR, DURGADAS SHYLA PRASAD	28/11/2008	CHENNAI
8	262735	1509/CHENP/2008	22/08/2006	30/08/2005	PROCESS FOR PRODUCING SULFONYL CHLORIDE COMPOUND	SUMITOMO CHEMICAL COMPANY LIMITED	28/11/2008	CHENNAI
9	262737	3263/CHENP/2007	16/12/2005	25/01/2005	CHROMATOGRAPHIC MEDIA	AVANTOR PERFORMANCE MATERIALS INC	16/11/2007	CHENNAI
10	262741	1682/CHENP/2007	20/10/2005	22/10/2004	METHOD, APPARATUS AND SYSTEM FOR IDENTIFYING A BODY MEMBER	KONINKLIJKE PHILIPS ELECTRONICS N.V.	31/08/2007	CHENNAI
11	262752	2628/CHE/2007	13/11/2007		NANOPARTICLE COMPOSITION AND PROCESS THEREOF	JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH	02/04/2010	CHENNAI

12	262754	2508/CHENP/2007	03/11/2005	11/11/2004	METHOD FOR CONTROLLING THE OPERATION OF A BULK GOOD GRATE COOLER	KHD HUMBOLDT WEDAG GmbH	07/09/2007	CHENNAI
13	262755	4852/CHENP/2008	09/03/2007	14/03/2006	CONNECTING HEAD STRUCTURE FOR HIGH-PRESSURE FUEL INJECTION PIPES	USUI KOKUSAI SANGYO KAISHA LIMITED	13/03/2009	CHENNAI
14	262757	2384/CHENP/2007	05/12/2005	03/12/2004	A METHOD AND SYSTEM FOR WAVELENGTH SPECIFIC THERMAL IRRADIATION AND TREATMENT	PRESSCO TECHNOLOGY INC	07/09/2007	CHENNAI
15	262763	1025/CHENP/2009	24/08/2007	25/08/2006	A PROCESS FOR REMOVING OXYGEN AND NITROGEN OXIDES FROM A GAS MIXTURE COMPRISING THESE COMPONENTS	BASF SE	29/05/2009	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	262678	1304/KOL/2006	04/12/2006	27/12/2005	GRANULATED COLORANT AND RELATED ART	ORIENT CHEMICAL INDUSTRIES,LTD.,	06/07/2007	KOLKATA
2	262690	3245/KOLNP/2008	18/12/2006	13/01/2006	COMBINATION OF TRIAZINE DERIVATIVES AND INSULIN SECRETION STIMULATORS	MERCK PATENT GMBH	13/02/2009	KOLKATA
3	262691	2922/KOLNP/2008	16/01/2007	18/01/2006	NON-LEACHING SURFACE-ACTIVE FILM COMPOSITIONS FOR MICROBIAL ADHESION PREVENTION	HYDROMER, INC.	06/02/2009	KOLKATA
4	262692	752/KOLNP/2009	30/08/2007	01/09/2006	CHEMOENZYMATIC PROCESS FOR THE PREPARATION OF IMINOCYCLITOLS	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS,BIOGLANE, S.L.N.E.	15/05/2009	KOLKATA
5	262693	1964/KOLNP/2009	18/12/2007	26/12/2006	METHOD FOR PRODUCING OPTICALLY ACTIVE FLUORINE-CONTAINING CARBONYL-ENE PRODUCT	CENTRAL GLASS COMPANY, LIMITED	19/06/2009	KOLKATA
6	262698	1290/KOLNP/2008	10/10/2006	10/10/2005	CATIONIC OPHTHALMIC OIL-IN WATER EMULSION CONTAINING PROSTAGLANDINS	NOVAGALI PHARMA SA	26/12/2008	KOLKATA
7	262705	1037/KOLNP/2009	17/09/2007	04/10/2006	METHOD AND APPARATUS FOR ENCODING AND DECODING DATA	MOTOROLA, INC.	22/05/2009	KOLKATA
8	262708	2045/KOLNP/2005	07/04/2004	27/05/2003	A METHOD OF PROCESSING AN UNDROP OPERATION IN A RELATIONAL DATABASE SYSTEM	ORACLE INTERNATIONAL CORPORATION	22/09/2006	KOLKATA
9	262709	3754/KOLNP/2007	09/01/2006	23/05/2005	CONTROLLED RELEASE ORAL DELIVERY SYSTEMS	INTERCONTINENTAL GREAT BRANDS LLC	25/01/2008	KOLKATA
10	262715	3021/KOLNP/2009	25/01/2008	14/03/2007	HIGH-PERFORMANCE ADSORBENTS BASED ON ACTIVATED CARBON AND A PROCESS FOR PRODUCING THE SAME	BLCHER GMBH	20/08/2010	KOLKATA

11	262716	506/KOL/2007	29/03/2007		AN END WINDING VIBRATION MONITORING SYSTEM TO DETECT POSSIBLE SOURCE OF FAULT IN THE STATOR WINDINGS OF GENERATORS OF THERMAL POWER PLANTS	BHARAT HEAVY ELECTRICALS LIMITED	10/10/2008	KOLKATA
12	262719	1888/KOLNP/2007	01/11/2005	01/11/2004	DISPOSABLE IMMUNODIAGNOSTIC TEST SYSTEM	INTERNATIONAL BIO-THERAPEUTIC RESEARCH INC.	10/08/2007	KOLKATA
13	262722	385/KOLNP/2007	17/08/2005	01/09/2004	A METHOD OF ANALYSING A SAMPLE AND APPARATUS THEREFOR	PERKINELMER SINGAPORE PTE LTD.	06/07/2007	KOLKATA
14	262724	3307/KOLNP/2006	07/04/2005	16/04/2004	A BIOCOMPATIBLE,HUMAN IMPLANTABLE APPARATUS AND A METHOD FOR FULLY ENCASING A CIRCUIT WITHIN A HOUSING	SENSEONICS, INCORPORATED	15/06/2007	KOLKATA
15	262731	IN/PCT/2000/58/KOL	16/12/1998	22/10/1993	A PROCESS FOR PRODUCING REFINED GLASS AND A REFRACTORY LINED GLASS MELTER THUS PRODUCED	OWENS CORNING,THE BOC GROUP,INC	01/09/2006	KOLKATA
16	262733	3852/KOLNP/2006	27/05/2005	28/05/2004	DIARYLALKANES AS POTENT INHIBITORS OF BINUCLEAR ENZYMES	UNIGEN INC.	22/06/2007	KOLKATA
17	262736	2973/KOLNP/2008	04/01/2007	09/02/2006	METHOD FOR APERIODIC MOBILE ASSISTED SLEEP MODE REDUCING CURRENT DRAIN IN MOBILE DEVICE	MOTOROLA MOBILITY, INC.	06/02/2009	KOLKATA
18	262738	2001/KOL/2008	14/11/2008 14:43:37	30/11/2007	ARC-EXTINGUISHING DEVICE FOR AN ELECTRICAL SWITCH	SIEMENS AKTIENGESELLSCH AFT	12/06/2009	KOLKATA
19	262740	3104/KOLNP/2008	31/10/2006	06/02/2006	METHOD FOR STORING A DATA BLOCK CONTAINING DATA FOR CONTROLLING A TECHNICAL PROCESS, AND CONTROL AND AUTOMATION DEVICE	SIEMENS AKTIENGESELLSCH AFT	06/02/2009	KOLKATA
20	262744	468/KOL/2008	06/03/2008	03/04/2007	SPLIT-PRESSURE DUAL-PUMP HYDRAULIC FLUID SUPPLY SYSTEM FOR A MULTI-SPEED TRANSMISSION AND METHOD	GM GLOBAL TECHNOLOGY OPERATIONS ,INC	17/04/2009	KOLKATA

21	262745	2367/KOLNP/2007	26/01/2006	27/01/2005	DEVICE FOR MILLING ROCK AND OTHER MATERIALS AND METHOD FOR MILLING ROCK OR THE LIKE USING SAID DEVICE	CATERPILLAR GLOBAL MINING EUROPE GMBH	17/08/2007	KOLKATA
22	262746	2389/KOLNP/2008	15/11/2006	16/11/2005	TEMPORARY SOIL SHEATHING APPARATUS	SUPPORTEC CO. LTD.	23/01/2009	KOLKATA
23	262747	1752/KOLNP/2008	03/10/2006	04/10/2005	PIGMENT COMPOSITION	AKZO NOBEL COATINGS INTERNATIONAL B.V.	30/01/2009	KOLKATA
24	262749	405/KOL/2008	03/03/2008	18/04/2007	POWERTRAIN WITH REVERSING ENGINE HAVING A CRANKSHAFT ROTATABLE IN A FORWARD AND IN A REVERSE DIRECTION AND A METHOD OF CONTROLLING THE SAME	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
25	262750	2737/KOLNP/2006	25/04/2005	30/04/2004	CONTROL OF COOLING WATER SYSTEM USING RATE OF CONSUMPTION OF FLUORESCENT POLYMER.	NALCO COMPANY	01/06/2007	KOLKATA
26	262751	4457/KOLNP/2008	06/03/2007	10/04/2006	PROCESS FOR THE PRODUCTION OF CHLORINE DIOXIDE	AKZO NOBEL N.V	13/03/2009	KOLKATA
27	262759	2343/KOLNP/2007	15/12/2005	15/12/2004	STACK-UP CONFIGURATION FOR A WIRELESS COMMUNICATION DEVICE	KYOCERA WIRELESS CORP.	17/08/2007	KOLKATA
28	262760	638/KOLNP/2008	29/06/2006	25/08/2005	METHOD AND APPARATUS TO FACILITATE DETECTION OF AN UNAUTHORISED COMMUNICATION SYSTEM USER	MOTOROLA MOBILITY, INC.	27/03/2009	KOLKATA
29	262761	1029/KOLNP/2008	01/07/2006	10/08/2005	LAYERED AMALGAM AND ITS PRODUCTION	SORTECH AG	22/08/2008	KOLKATA
30	262762	237/KOL/2008	12/02/2008	23/02/2007	MULTI-SPEED TRANSMISSION WITH COUNTERSHAFT GEARING	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
31	262764	1024/KOLNP/2008	07/09/2006	14/09/2005	A VENTILATION DEVICE FOR A FUEL CONTAINER	CONTINENTAL AUTOMOTIVE GMBH	19/12/2008	KOLKATA
32	262765	4232/KOLNP/2008	29/03/2007	30/03/2006	MICROCAPSULES WITH ACETYLENE CARBAMIDE-POLYUREA POLYMERS AND FORMULATIONS THEREOF FOR CONTROLLED RELEASE	GAT MICROENCAPSULATION AG	06/03/2009	KOLKATA

33	262766	3505/KOLNP/2006	31/03/2006	29/04/2005	METHOD AND APPARATUS FOR LINK LAYER ASSISTED HANDOFF	MOTOROLA MOBILITY, INC.	15/06/2007	KOLKATA
34	262770	3893/KOLNP/2008	18/05/2006	28/03/2006	MULTI-CHANNEL RECONSTRUCTOR AND ENHANCED METHOD FOR SIGNAL SHAPING IN MULTI-CHANNEL AUDIO RECONSTRUCTION	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	27/02/2009	KOLKATA
35	262772	2808/KOLNP/2008	22/11/2006	24/12/2005	PROCESS FOR THE CATALYTIC COATING OF CERAMIC HONEYCOMB BODIES	UMICORE AG & CO. KG	30/01/2009	KOLKATA

CONTINUED TO PART-3

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.

CANCELLATION PROCEEDINGS
under Section 19 of the Designs Act, 2000

(01)

“The Asstt. Controller of Patents & Designs passed an order on 1/9/2014 to dismiss the petition filed by Crag Martin Distillery Private Limited having a place of business at Quepem, Goa on 14/5/2007 for cancellation of registration of registered Design No. **183202** dated 11/8/2000 under class 4 titled as ‘Bottle’ in the name of Herbertsons Limited, Ewart House 22, Homi Mody Street, Mumbai – 400023, Maharashtra, India, an Indian company.”

(02)

“The Asstt. Controller of Patents & Designs passed an order on 1/9/2014 to dismiss the petition filed by Sun-Kwik Appliances Pvt. Ltd. (formerly known as Pushpanjali Appliances Private Limited), an Indian company having its office at “Oswal Chambers” 2, Church Lane, 5th Floor, Kolkata 700001, West Bengal, India on 15/12/2010 for cancellation of registration of registered Design No. **186557** dated 11/9/2001 under class 07-02 titled as ‘Pressure Cooker’ in the name of Hawkins Cookers Limited, Maker Tower F-101, Cuffe Parade, P O Box 16083, Mumbai 400005, Maharashtra, India, an Indian company.”

(03)

“The Asstt. Controller of Patents & Designs passed an order on 1/9/2014 to dismiss the petition filed by Sunil Jain, an Indian national trading as sole proprietor under the name & style of Weaver Aqua Everflo, having its place of business at 84, Vijaykar Wadi, Off. S.V. Road, Malad (W), Mumbai 400064 on 19/9/2008 for cancellation of registration of registered Design No. **194315** dated 20/1/2004 under class 09-03 titled as “Container” in the name of Parle Agro Pvt Ltd., an Indian company of Western Express Highway, Andheri (East), Mumbai-400 099, Maharashtra, India.”

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	185128	20.08.2014
2.	190391	21.08.2014
3.	192658	31.07.2014
4.	193033	20.08.2014
5.	195569	30.07.2014
6.	196028	20.08.2014
7.	197552	20.08.2014
8.	197558	20.08.2014
9.	197934	21.08.2014
10.	197935	21.08.2014
11.	197936	21.08.2014
12.	198029	21.08.2014
13.	198148	21.08.2014
14.	198944	19.08.2014
15.	249328	20.08.2014

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of GUALA CLOSURES S.P.A. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
205561	09-07	GUALA CLOSURES PATENTS B.V., A DUTCH COMPANY, HAVING ITS REGISTERED OFFICE AT RAPENBURGERSTRAAT 175/F, 1011 VM AMSTERDAM, NETHERLANDS

The Design stands in the name of NAYASA MULTIPLAST, registered under the Designs Act, 2000 has licensed his right to use and exploit the design in the Register of Designs in the name as follows:-

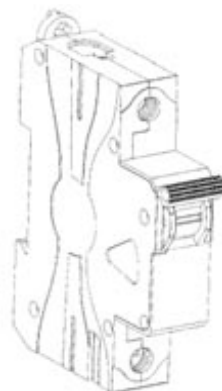
Design No.	Class	Name
252235	09-01	NAYASA HOMEWARE, OF SURVEY NO. 367/16 & 378/2 KACHIGAM, NANI DAMAN, DAMAN-396210 (UT), AN INDIAN PARTNERSHIP FIRM COMPRISING PARTNERS MR. VIJAY PRAKASH SACHDEV, MRS. MANASI SACHDEV AND MR. DINESH LAXMINARAYAN MALIK

RESTORATION OF LAPSED DESIGNS
UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000

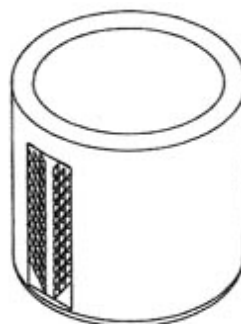
An application made under Section 12 (2) of the Designs act, 2000 on **05.02.2014**, for Restoration of **Design No.192658 dated 24.07.2003** in the name of **NEW LITTLE GENIUS, RG-BLOCK, POCKET-BM, FLAT NO.-446, RAGHUBIR NAGAR, BEHIND CEMENT GODOWN, NEW DELHI (INDIA), AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS RAVI KUMAR BEING INDIAN NATIONAL OF THE ABOVE ADDRESS** has been allowed.

REGISTRATION OF DESIGNS

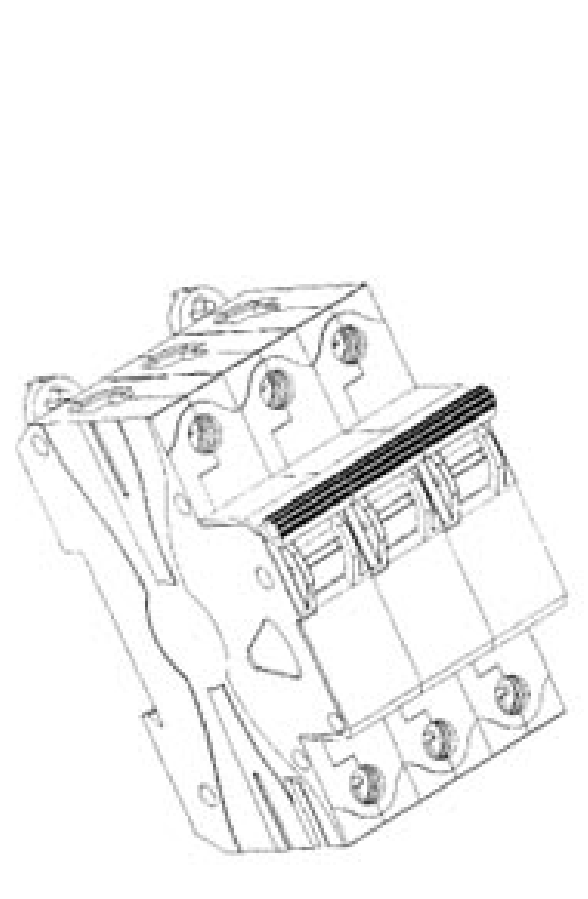
The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	258241			
CLASS	13-03			
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA				
DATE OF REGISTRATION	19/11/2013			
TITLE	ELECTRICAL SWITCHING DEVICE			
PRIORITY NA				

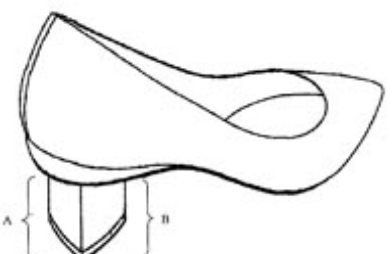
DESIGN NUMBER	259571			
CLASS	12-15			
1)TVS SRICHAKRA LIMITED, AN INDIAN COMPANY, 7B, WEST VELI STREET, MADURAI 625 001, TAMIL NADU, INDIA				
DATE OF REGISTRATION	22/01/2014			
TITLE	TYRE			
PRIORITY NA				

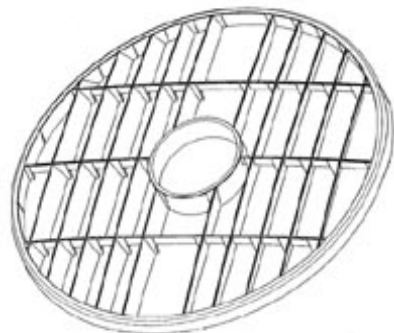
DESIGN NUMBER	255898			
CLASS	09-01			
1)SANNER GMBH, HAVING NATIONALITY OF GERMANY OF THE ADDRESS SCHILLERSTRABE 76, D-64625 BENSHEIM, GERMANY				
DATE OF REGISTRATION	19/08/2013			
TITLE	CONTAINER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
001362198	26/02/2013	OHIM		

DESIGN NUMBER	257926	
CLASS	06-08	
1)TFS GLOBAL HANGER MANAGEMENT GMBH, A COMPANY UNDER GERMAN LAW OF HOHER WEG 2, 48513 NORDHORN, GERMANY		
DATE OF REGISTRATION	31/10/2013	
TITLE	CLOTHES HANGER	
PRIORITY NA		

DESIGN NUMBER	258243	
CLASS	13-03	
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA		
DATE OF REGISTRATION	19/11/2013	
TITLE	ELECTRICAL SWITCHING DEVICE	
PRIORITY NA		

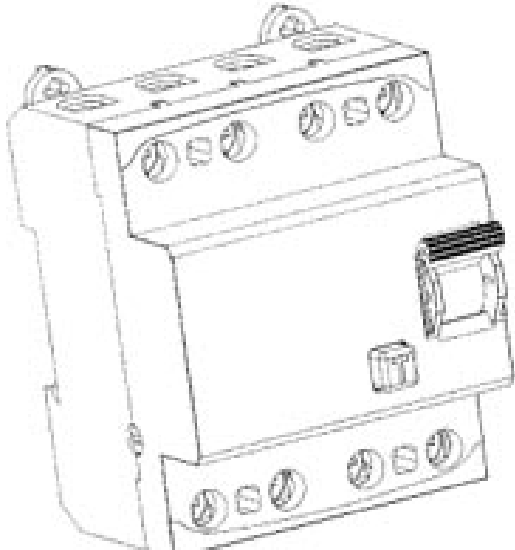
DESIGN NUMBER	259291	
CLASS	26-02	
1)EVEREADY INDUSTRIES INDIA LTD. 1, MIDDLETON STREET, KOLKATA-700071, WEST BENGAL, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	07/01/2014	
TITLE	TORCH	
PRIORITY NA		

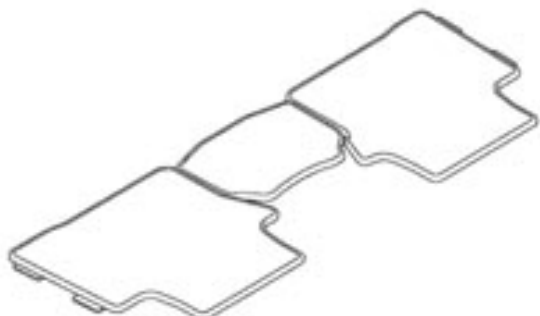
DESIGN NUMBER	259096		
CLASS	19-06		
1)K-NINE WRITING SYSTEMS PVT. LTD. (AN INDIAN PROPRIETORSHIP FIRM) UNIT NO: A-301/302, SUNFLOWER BUILDING, PLOT NO-36 A, SHIVNERI MARG, OFF GOREGAON-MULUND LINK ROAD, AMBEDKAR CHOWK, GOREGAON-EAST, MUMBAI-400063, STATE OF MAHARASHTRA, INDIA.			
DATE OF REGISTRATION	27/12/2013		
TITLE	PEN		
PRIORITY NA			
DESIGN NUMBER	259579		
CLASS	02-04		
1)NICHOLAS KIRKWOOD LIMITED, OF THE ADDRESS 16 QUEEN SQUARE, BRISTOL, BS1 4NT, UNITED KINGDOM			
DATE OF REGISTRATION	22/01/2014		
TITLE	HEELS FOR FOOTWEAR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
02252478-0001	22/07/2013	OHIM	
DESIGN NUMBER	257930		
CLASS	08-09		
1)MRS. A. T. PEREIRA, MR. A. P. PEREIRA, MR. V. P. PEREIRA AND MR. F. M. PEREIRA TRADING AS DAMIAN, A REGISTERED PARTNERSHIP FIRM, WHOSE ADDRESS IS DAMIAN HOUSE, 14, HILL ROAD, BANDRA (WEST), MUMBAI-400050 IN THE STATE OF MAHARASHTRA WITHIN THE UNION OF INDIA, WHO ARE INDIANS BY NATIONALITY			
DATE OF REGISTRATION	31/10/2013		
TITLE	PARTITION SKIRTING		
PRIORITY NA			

DESIGN NUMBER	258249	
CLASS	26-05	
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054.		
DATE OF REGISTRATION	20/11/2013	
TITLE	DOWNLIGHTER	
PRIORITY NA		
DESIGN NUMBER	259212	
CLASS	09-01	
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA		
DATE OF REGISTRATION	03/01/2014	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	258727	
CLASS	23-04	
1)CHUNG-YIN CHENG, AN TAIWAN NATIONAL RESIDENT AT NO. 72, XILU ST., TIANZHONG TOWNSHIP, CHANGHUA COUNTY, TAIWAN		
DATE OF REGISTRATION	13/12/2013	
TITLE	LOUVER FOR A FAN	
PRIORITY NA		

DESIGN NUMBER	259890			
CLASS	12-16			
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	31/01/2014			
TITLE	CENTRAL CONSOLE OF A VEHICLE			
PRIORITY NA				
DESIGN NUMBER	257265			
CLASS	12-16			
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN				
DATE OF REGISTRATION	08/10/2013			
TITLE	ACCESS LID FOR VEHICLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002219568-0008		12/04/2013	OHIM	
DESIGN NUMBER	258004			
CLASS	08-06			
1)MR. JIGNESHBHAI D. VIRADIA., AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. FERGUSON TECHNOCAST., AN INDIAN PROPRIETORSHIP FIRM, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, K-1/2-182, AJI VASAHA OPP. POLYVASTRA B/H. BALAJI WAFERS, RAJKOT-3, GUJARAT-INDIA.				
DATE OF REGISTRATION	06/11/2013			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	258176	
CLASS	08-08	
1)GODREJ & BOYCE MFG. CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF INDIA HAVING ITS PLACE OF BUSINESS AT NO. 1, SIDCO INDUSTRIAL ESTATE, AMBATTUR, CHENNAI-600098, INDIA		
DATE OF REGISTRATION	18/11/2013	
TITLE	SUPPORTING BRACKET FOR PALLET BEAM	
PRIORITY NA		

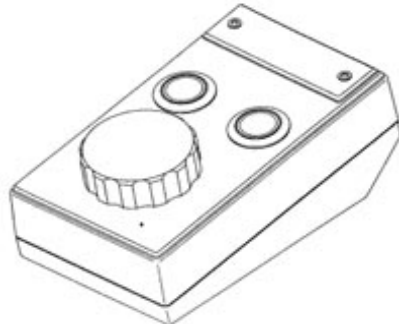
DESIGN NUMBER	258246	
CLASS	13-03	
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA		
DATE OF REGISTRATION	19/11/2013	
TITLE	ELECTRICAL SWITCHING DEVICE	
PRIORITY NA		

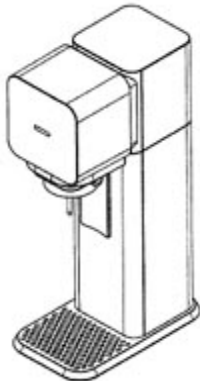
DESIGN NUMBER	259104	
CLASS	06-11	
1)HONDA ACCESS CORP., OF 18-4, 8-CHOME, NOBIDOME, NIIZA-SHI, SAITAMA, JAPAN		
DATE OF REGISTRATION	30/12/2013	
TITLE	FLOOR MAT FOR VEHICLE	
PRIORITY NA		

DESIGN NUMBER	259773		
CLASS	12-16		
1)FORD GLOBAL TECHNOLOGIES, LLC A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS OFFICE AT 330 TOWN CENTER DRIVE, SUITE 800, DEARBORN MICHIGAN-48126, UNITED STATES OF AMERICA			
DATE OF REGISTRATION	28/01/2014		
TITLE	VEHICLE REAR UPPER BUMPER COVER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201330380008.1	09/08/2013	CHINA	

DESIGN NUMBER	258177		
CLASS	08-05		
1)GODREJ & BOYCE MFG. CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF INDIA HAVING ITS PLACE OF BUSINESS AT NO. 1, SIDCO INDUSTRIAL ESTATE, AMBATTUR, CHENNAI-600098, INDIA			
DATE OF REGISTRATION	18/11/2013		
TITLE	ENTRY GUIDE RAIL FOR FORKIFTS		
PRIORITY NA			

DESIGN NUMBER	257943		
CLASS	15-07		
1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAGAR-414 001, MAHARASHTRA, INDIA.			
DATE OF REGISTRATION	01/11/2013		
TITLE	HANDLE FOR REFRIGERATOR(SET)		
PRIORITY NA			

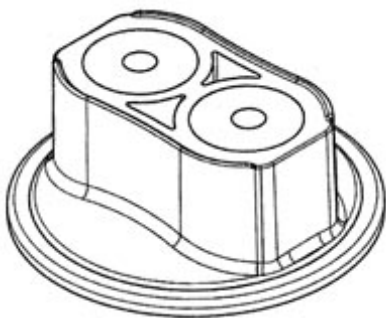
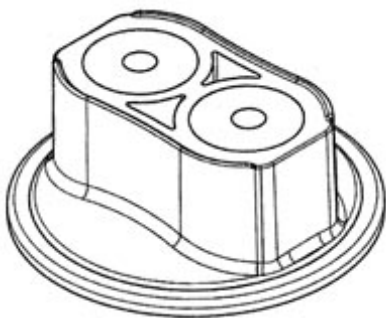
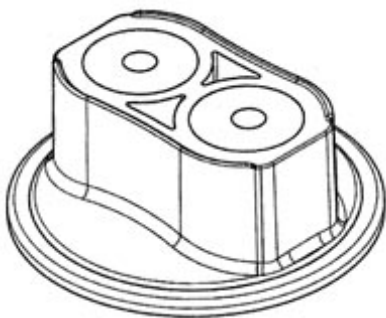
DESIGN NUMBER	258237		
CLASS	14-02		
1)MEIDENSHA CORPORATION, 1-1, OSAKI 2-CHOME, SHINAGAWA-KU, TOKYO 141-6029, JAPAN, NATIONALITY: JAPAN.			
DATE OF REGISTRATION	19/11/2013		
TITLE	ENCODER FOR DYNAMOMETER OPERATION DEVICE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
D2013-011046	20/05/2013	JAPAN	
DESIGN NUMBER	259810		
CLASS	12-11		
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA			
DATE OF REGISTRATION	29/01/2014		
TITLE	TANK COVER ASSEMBLY FOR MOTORCYCLE		
PRIORITY NA			
DESIGN NUMBER	257386		
CLASS	18-02		
1)BOBST MEX SA, A SWISS COMPANY OF ROUTE DE FARAZ 3, CH-1031, MEX, SWITZERLAND			
DATE OF REGISTRATION	10/10/2013		
TITLE	PRINTING UNIT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
140001	17/04/2013	SWITZERLAND	

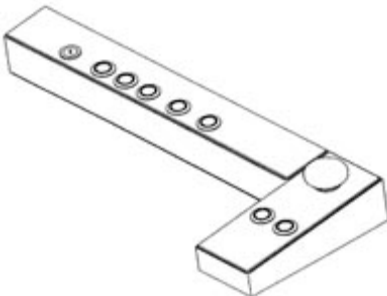
DESIGN NUMBER	256889			
CLASS	09-05			
1)EUROPE BRANDS S.Á.R.L. A PRIVATE COMPANY INCORPORATED IN LUXEMBOURG OF 412F, ROUTE D'ESCH, L-2086, LUXEMBOURG				
DATE OF REGISTRATION	27/09/2013			
TITLE	BLISTER PACKAGING CARD FOR MAKING BLISTER PACKAGES			
PRIORITY NA				
DESIGN NUMBER	258244			
CLASS	13-03			
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA				
DATE OF REGISTRATION	19/11/2013			
TITLE	ELECTRICAL SWITCHING DEVICE			
PRIORITY NA				
DESIGN NUMBER	259297			
CLASS	31-00			
1)SODASTREAM INDUSTRIES LTD, AN ISRAELI CORPORATION, HAVING A PLACE OF BUSINESS AT P.O. BOX 280, AIR PORT CITY 70100, ISRAEL				
DATE OF REGISTRATION	08/01/2014			
TITLE	DOMESTIC SODA-WATER PREPARING DEVICE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
54513		29/08/2013	ISRAEL	

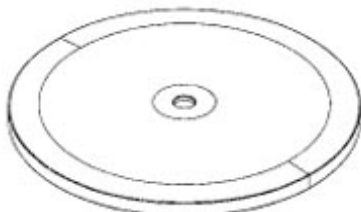
DESIGN NUMBER	259098	
CLASS	19-06	
1)K-NINE WRITING SYSTEMS PVT. LTD. (AN INDIAN NATIONAL) UNIT NO: A-301/302, SUNFLOWER BUILDING, PLOT NO-36 A, SHIVNERI MARG, OFF GOREGAON-MULUND LINK ROAD, AMBEDKAR CHOWK, GOREGAON-EAST, MUMBAI-400063, STATE OF MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	27/12/2013	
TITLE	PEN	
PRIORITY NA		

DESIGN NUMBER	257931	
CLASS	08-09	
1)MRS. A. T. PEREIRA, MR. A. P. PEREIRA, MR. V. P. PEREIRA AND MR. F. M. PEREIRA TRADING AS DAMIAN, A REGISTERED PARTNERSHIP FIRM, WHOSE ADDRESS IS DAMIAN HOUSE, 14, HILL ROAD, BANDRA (WEST), MUMBAI-400050 IN THE STATE OF MAHARASHTRA WITHIN THE UNION OF INDIA, WHO ARE INDIANS BY NATIONALITY		
DATE OF REGISTRATION	31/10/2013	
TITLE	PARTITION MOUNTING	
PRIORITY NA		

DESIGN NUMBER	259698	
CLASS	12-16	
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057		
DATE OF REGISTRATION	27/01/2014	
TITLE	FAIRING FOR MOTORCYCLES	
PRIORITY NA		

DESIGN NUMBER	257649			
CLASS	09-03			
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA.				
DATE OF REGISTRATION	22/10/2013			
TITLE	CONTAINER			
PRIORITY NA				
DESIGN NUMBER	257767			
CLASS	24-02			
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	25/10/2013			
TITLE	FRAME FOR A PATIENT INTERFACE ASSEMBLY			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002233619-0001		07/05/2013	OHIM	
PRIORITY				
PRIORITY NUMBER				
002246074-0002				
DESIGN NUMBER	258016			
CLASS	24-01			
1)"B. BRAUN MELSUNGEN AG" NATIONALITY: GERMANY, ADDRESS AT CARL-BRAUN-STRASSE 1, 34212 MELSUNGEN, FEDERAL REPUBLIC OF GERMANY				
DATE OF REGISTRATION	07/11/2013			
TITLE	OVERCAP INTENDED FOR A PHARMACEUTICAL CONTAINER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002246074-0002		29/05/2013	OHIM	
PRIORITY				
PRIORITY NUMBER				
002246074-0002				

DESIGN NUMBER	258236			
CLASS	14-02			
1)MEIDENSHA CORPORATION, 1-1, OSAKI 2-CHOME, SHINAGAWA-KU, TOKYO 141-6029, JAPAN, NATIONALITY: JAPAN				
DATE OF REGISTRATION	19/11/2013			
TITLE	BASE UNIT FOR DYNAMOMETER OPERATION DEVICE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
D2013-011045		20/05/2013	JAPAN	

DESIGN NUMBER	257382			
CLASS	10-07			
1)SWATCH AG (SWATCH SA) (SWATCH LTD), A SWISS COMPANY OF JAKOB-STAMPFLI-STRASSE 94, CH-2502 BIEL/BIENNE, SWITZERLAND				
DATE OF REGISTRATION	10/10/2013			
TITLE	OSCILLATING WEIGHT FOR WATCH			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
DM 080 666		16/04/2013	WIPO	

DESIGN NUMBER	259365			 FOR REDUCTIVE VIEW
CLASS	09-07			
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	13/01/2014			
TITLE	CAP			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/460,549		11/07/2013	U.S.A.	

DESIGN NUMBER	257984	
CLASS	07-01	
1)BLUPLAST INDUSTRIES LIMITED, A COMPANY INCORPORATED IN INDIA OF 113/114, VIVEK INDUSTRIAL ESTATE, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI – 400 063, [MAHARASHTRA], INDIA		
DATE OF REGISTRATION	06/11/2013	
TITLE	FLASK	
PRIORITY NA		

DESIGN NUMBER	258420	
CLASS	03-03	
1)TYNOR ORTHOTICS PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ADDRESS AT D-111, INDUSTRIAL AREA, PHASE-7, MOHALI-160055, PUNJAB, INDIA		
DATE OF REGISTRATION	27/11/2013	
TITLE	CRUTCH TIP	
PRIORITY NA		

DESIGN NUMBER	258953	
CLASS	24-02	
1)MR. SACHIN G. LOKAPURE(INDIA). A PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APPT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	24/12/2013	
TITLE	SAMPLE HOLDER FOR BACTERIAL MOVEMENT DETECTION	
PRIORITY NA		

DESIGN NUMBER	257650	
CLASS	09-03	
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA.		
DATE OF REGISTRATION	22/10/2013	
TITLE	CONTAINER	
PRIORITY NA		

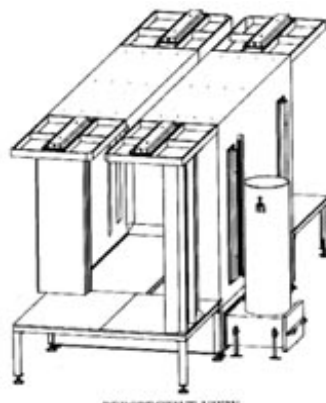
DESIGN NUMBER	257981	
CLASS	09-03	
1)BLUPLAST INDUSTRIES LIMITED, A COMPANY INCORPORATED IN INDIA OF 113/114, VIVEK INDUSTRIAL ESTATE, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI – 400 063, [MAHARASHTRA], INDIA		
DATE OF REGISTRATION	06/11/2013	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER	259504	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		

DESIGN NUMBER	257588			
CLASS	26-05			
1)M/S SHREE SANT KRIPA INTELLECTUAL, HAVING OFFICE AT 7, AKSHAY COMPLEX, OFF. DHOLE PATIL ROAD, PUNE-411001, MAHARASHTRA, INDIA, AN INDIAN COMPANY				
DATE OF REGISTRATION	21/10/2013			
TITLE	CEILING FIXTURES FOR LAMPS			
PRIORITY NA				

DESIGN NUMBER	257961			
CLASS	09-01			
1)ACCESS BUSINESS GROUP INTERNATIONAL LLC, 7575 FULTON STREET EAST, ADA, MICHIGAN 49355, U.S.A., A MICHIGAN LIMITED LIABILITY COMPANY, U.S.A.				
DATE OF REGISTRATION	04/11/2013			
TITLE	DROPPER BOTTLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/455,137		17/05/2013	U.S.A.	

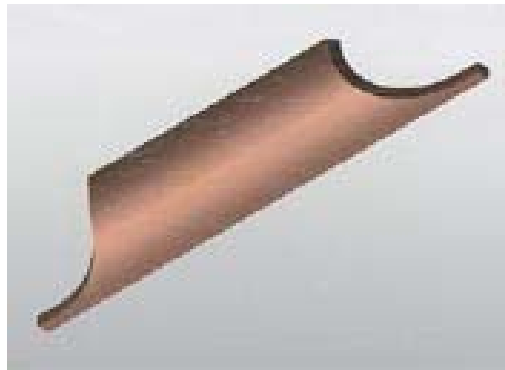
DESIGN NUMBER	258011			
CLASS	08-06			
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, “KRISHNA” , NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.				
DATE OF REGISTRATION	06/11/2013			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	257171			
CLASS	15-99			
1)GEMA SWITZERLAND GMBH, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, HAVING ITS OFFICE AT MOVENSTR. 17, 9015 ST. GALLEN, SWITZERLAND				
DATE OF REGISTRATION	03/10/2013			
TITLE	POWDER SPRAY BOOTH			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
001366710	04/04/2013	OHIM		
DESIGN NUMBER	258197			
CLASS	23-01			
1)VICTAULIC COMPANY, A CORPORATION OF THE STATE OF NEW JERSEY, HAVING A PLACE OF BUSINESS AT 4901 KESSLERSVILLE ROAD, EASTON, PENNSYLVANIA 18040, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	18/11/2013			
TITLE	PIPE COUPLING SEGMENT			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/459,523	01/07/2013	U.S.A.		
DESIGN NUMBER	258263			
CLASS	19-06			
1)SUDEEP NABHIRAJ UPADHE RESIDING AT AT POST: ARAG, NEAR JAIN TEMPLE, TAL-MIRAJ DIST-SANGLI. 416401, AND AVINASH SHIVAJIRAO CHAVAN RESIDING AT AT:POST: ATPADI, PANDHAREWADI, TAL: ATPADI, DIST: SANGLI. 415301.				
DATE OF REGISTRATION	21/11/2013			
TITLE	STENCIL RULER			
PRIORITY NA				

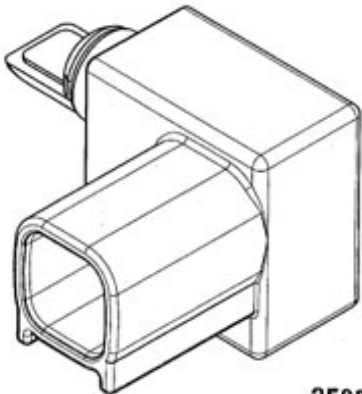
DESIGN NUMBER	259110			
CLASS	06-03			
1)THE SUPREME INDUSTRIES LTD., (AN INDIAN PUBLIC LIMITED COMPANY), 601 CENTRAL PLAZA, 2/6, SARAT BOSE ROAD, KOLKATA - 700020, WEST BENGAL, INDIA				
DATE OF REGISTRATION	30/12/2013			
TITLE	TABLE			
PRIORITY NA				
DESIGN NUMBER	259925			
CLASS	26-06			
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	31/01/2014			
TITLE	REAR TAILLAMP OF A VEHICLE			
PRIORITY NA				
DESIGN NUMBER	257268			
CLASS	12-16			
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN				
DATE OF REGISTRATION	08/10/2013			
TITLE	PANEL FOR VEHICLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002219576-0001		12/04/2013	OHIM	

DESIGN NUMBER	257585			
CLASS	26-05			
1)M/S SHREE SANT KRIPA INTELLECTUAL, HAVING OFFICE AT 7, AKSHAY COMPLEX, OFF. DHOLE PATIL ROAD, PUNE-411001, MAHARASHTRA, INDIA, AN INDIAN COMPANY				
DATE OF REGISTRATION	21/10/2013			
TITLE	CEILING FIXTURE FOR LAMPS			
PRIORITY NA				

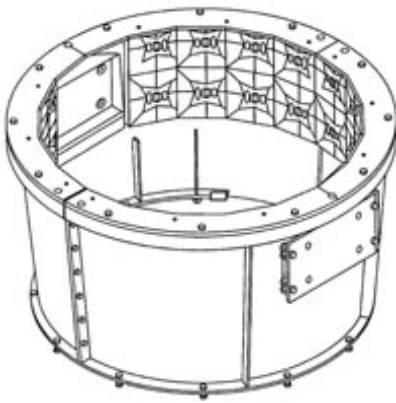
DESIGN NUMBER	257734			
CLASS	09-03			
1)VALEO SERVICE, A FRENCH COMPANY, OF 70 RUE PLEYEL, 93200 SAINT DENIS, FRANCE				
DATE OF REGISTRATION	24/10/2013			
TITLE	PACKAGING FOR WIPER BLADES AND THEIR PARTS			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
201330136160.5		24/04/2013	CHINA	

DESIGN NUMBER	258008			
CLASS	08-06			
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, “KRISHNA”, NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA				
DATE OF REGISTRATION	06/11/2013			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	258204			
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CLASS	12-16		
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110 057			
DATE OF REGISTRATION	18/11/2013		
TITLE	GRILL FOR THE HEADLIGHT FOR A TWO WHEELED VEHICLE		
PRIORITY NA			
DESIGN NUMBER	259828		
CLASS	09-01		
1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA			
DATE OF REGISTRATION	29/01/2014		
TITLE	BOTTLE		
PRIORITY NA			
DESIGN NUMBER	259352		
CLASS	13-03		
1)YAZAKI CORPORATION, 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-8333, JAPAN, A JAPANESE CORPORATION AND MITSUBA CORPORATION, 1-2681 HIROSAWA-CHO, KIRYU-SHI, GUNMA 376-8555, JAPAN, A JAPANESE CORPORATION			
DATE OF REGISTRATION	10/01/2014		
TITLE	ELECTRICAL CONNECTOR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-016023	12/07/2013	JAPAN	

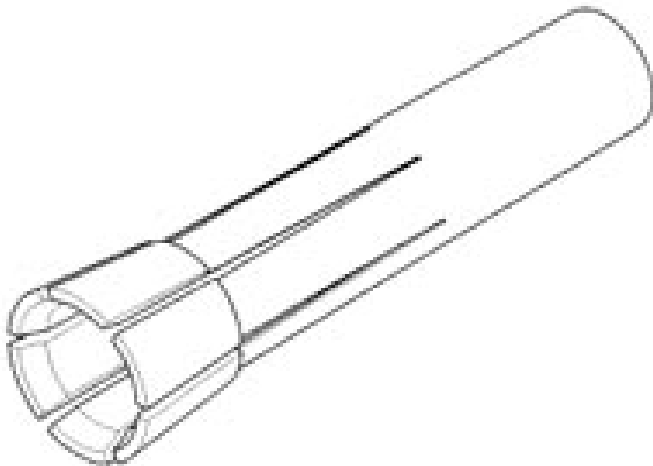
DESIGN NUMBER	257587	
CLASS	26-05	
1)M/S SHREE SANT KRIPA INTELLECTUAL, HAVING OFFICE AT 7, AKSHAY COMPLEX, OFF. DHOLE PATIL ROAD, PUNE-411001, MAHARASHTRA, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	21/10/2013	
TITLE	CEILING FIXTURES FOR LAMPS	
PRIORITY NA		
DESIGN NUMBER	258010	
CLASS	08-06	
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, “KRISHNA”, NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.		
DATE OF REGISTRATION	06/11/2013	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	258837	
CLASS	13-03	
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054		
DATE OF REGISTRATION	18/12/2013	
TITLE	DISTRIBUTION BOARD	
PRIORITY NA		

DESIGN NUMBER	253726			
CLASS	15-99			
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY				
DATE OF REGISTRATION	06/05/2013			
TITLE	CRUSHER FEED HOPPER WEAR PROTECTION CASSETTE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
001351126		14/11/2012	OHIM	
DESIGN NUMBER	259892			
CLASS	12-16			
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	31/01/2014			
TITLE	REAR VALANCE OF A VEHICLE			
PRIORITY NA				
DESIGN NUMBER	257267			
CLASS	12-16			
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN				
DATE OF REGISTRATION	08/10/2013			
TITLE	BUMPER FOR VEHICLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002219568-0010		12/04/2013	OHIM	

DESIGN NUMBER	257721		
CLASS	09-07		
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382 213. GUJARAT-INDIA.			
DATE OF REGISTRATION	24/10/2013		
TITLE	CONTAINER LID		
PRIORITY NA			

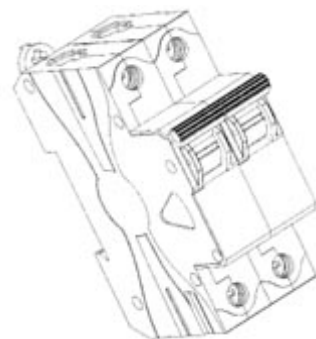


DESIGN NUMBER	257953		
CLASS	08-09		
1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT 20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN			
DATE OF REGISTRATION	04/11/2013		
TITLE	COLLET CHUCK FOR PIPE EXPANDER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2013-0023150	02/05/2013	REPUBLIC OF KOREA	



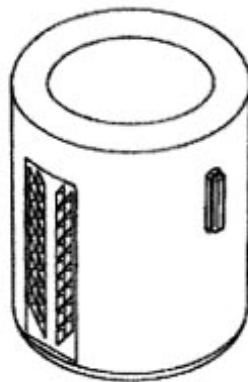
DESIGN NUMBER	258006		
CLASS	08-06		
1)MR. JIGNESHBHAI D. VIRADIA., AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. FERGUSON TECHNOCAST., AN INDIAN PROPRIETORSHIP FIRM, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, K-1/2-182, AJI VASAHAH OPP. POLYVASTRA B/H. BALAJI WAFERS, RAJKOT-3, GUJARAT-INDIA			
DATE OF REGISTRATION	06/11/2013		
TITLE	HANDLE		
PRIORITY NA			

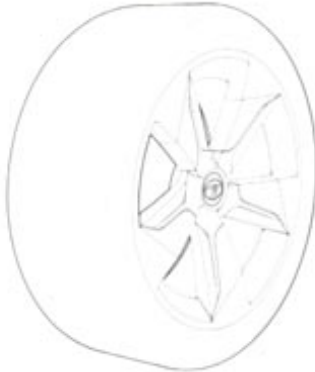


DESIGN NUMBER	258242	
CLASS	13-03	
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA		
DATE OF REGISTRATION	19/11/2013	
TITLE	ELECTRICAL SWITCHING DEVICE	
PRIORITY NA		

DESIGN NUMBER	259372	
CLASS	09-03	
1)M/S. GOLDEN CHOCOLATES PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956), J-6, SECTOR-4, BAWANA, DELHI-110039		
DATE OF REGISTRATION	13/01/2014	
TITLE	CONTAINER	
PRIORITY NA		

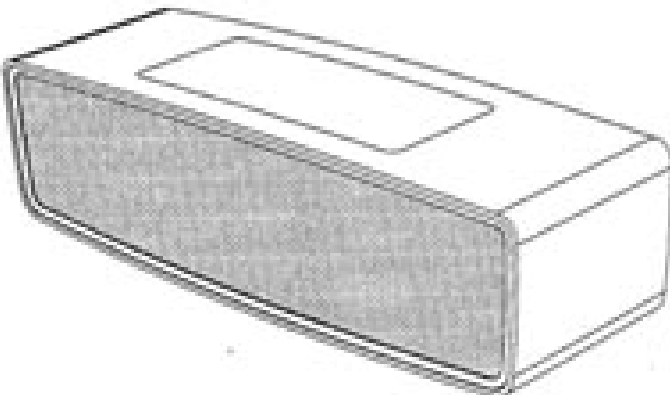
DESIGN NUMBER	259574	
CLASS	05-05	
1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM		
DATE OF REGISTRATION	22/01/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	255899		
CLASS	09-01		
1)SANNER GMBH, HAVING NATIONALITY OF GERMANY OF THE ADDRESS SCHILLERSTRABE 76, D-64625 BENSHEIM, GERMANY			
DATE OF REGISTRATION	19/08/2013		
TITLE	CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
EM 001362198	26/02/2013	OHIM	
DESIGN NUMBER	257929		
CLASS	08-09		
1)MRS. A. T. PEREIRA, MR. A. P. PEREIRA, MR. V. P. PEREIRA AND MR. F. M. PEREIRA TRADING AS DAMIAN, A REGISTERED PARTNERSHIP FIRM, WHOSE ADDRESS IS DAMIAN HOUSE, 14, HILL ROAD, BANDRA (WEST), MUMBAI-400050 IN THE STATE OF MAHARASHTRA WITHIN THE UNION OF INDIA, WHO ARE INDIANS BY NATIONALITY			
DATE OF REGISTRATION	31/10/2013		
TITLE	PARTITION SKIRTING		
PRIORITY NA			
DESIGN NUMBER	259214		
CLASS	23-04		
1)CHHAPARIA INDUSTRIES PVT. LTD. OF GALA NO.1 TO 6 & 12, GEETA INDUSTRIAL ESTATE, NAVGHAR, VASAI (EAST), DISTRICT: THANE-401 210, MAHARASHTRA, INDIA, INDIAN COMPANY			
DATE OF REGISTRATION	03/01/2014		
TITLE	AIR COOLER		
PRIORITY NA			

DESIGN NUMBER	258195		
CLASS	23-01		
1)VICTAULIC COMPANY, A CORPORATION OF THE STATE OF NEW JERSEY, HAVING A PLACE OF BUSINESS AT 4901 KESSLERSVILLE ROAD, EASTON, PENNSYLVANIA 18040, UNITED STATES OF AMERICA			
DATE OF REGISTRATION	18/11/2013		
TITLE	PIPE COUPLING SEGMENT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/459,520	01/07/2013	U.S.A.	
DESIGN NUMBER	258625		
CLASS	09-02		
1)PRABH DAYAL OM PARKASH INFRASTRUCTURE PVT. LTD., AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 2880, SIRKIWALAN, HAUZ QAZI, DELHI-110006, INDIA			
DATE OF REGISTRATION	09/12/2013		
TITLE	WATER STORAGE TANK		
PRIORITY NA			
DESIGN NUMBER	259891		
CLASS	12-16		
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	31/01/2014		
TITLE	WHEEL OF A VEHICLE		
PRIORITY NA			

DESIGN NUMBER	259688			
CLASS	26-05			
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN				
DATE OF REGISTRATION	27/01/2014			
TITLE	LAMP			
PRIORITY NA				

DESIGN NUMBER	257266			
CLASS	12-16			
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN				
DATE OF REGISTRATION	08/10/2013			
TITLE	BUMPER FOR VEHICLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002219568-0009		12/04/2013	OHIM	

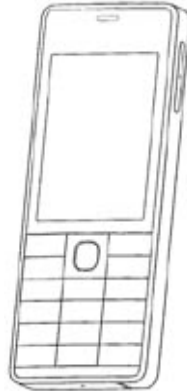
DESIGN NUMBER	257945			
CLASS	14-01			
1)BOSE CORPORATION, A CORPORATION OF THE STATE OF DELAWARE, OF THE MOUNTAIN, MS40 FRAMINGHAM, MASSACHUSETTS 01701-9168, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	01/11/2013			
TITLE	AUDIO SYSTEM			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29455310		20/05/2013	U.S.A.	

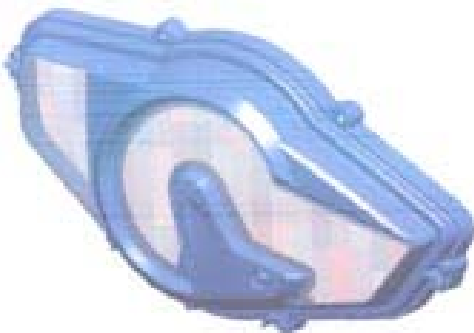
DESIGN NUMBER	258005			
CLASS	08-06			
1)MR. JIGNESHBHAI D. VIRADIA., AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. FERGUSON TECHNOCAST., AN INDIAN PROPRIETORSHIP FIRM, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, K-1/2-182, AJI VASAHA OPP. POLYVASTRA B/H. BALAJI WAFERS, RAJKOT-3, GUJARAT-INDIA.				
DATE OF REGISTRATION	06/11/2013			
TITLE	HANDLE			
PRIORITY NA				
DESIGN NUMBER	257646			
CLASS	09-03			
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA.				
DATE OF REGISTRATION	22/10/2013			
TITLE	CONTAINER			
PRIORITY NA				
DESIGN NUMBER	258493			
CLASS	21-02			
1)RENEA PRESTON, 3776 GRAND FOREST DRIVE, PEACHTREE, GEORGIA, 30092, USA, NATIONALITY-A US NATIONAL				
DATE OF REGISTRATION	29/11/2013			
TITLE	DUMBBELL			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/459,307		28/06/2013	U.S.A.	

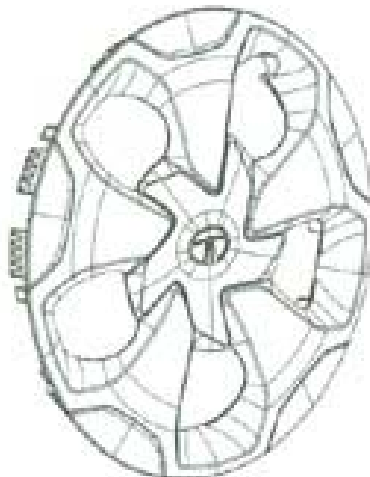
DESIGN NUMBER	258959			
CLASS	06-06			
1)SARASWATI INDUSTRIES., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 203/A, RAJ UMANG 1, CHS SHIV VALLABH ROAD, ASHOK VAN, NEAR MARUTI NAGAR, DAHISAR (EAST), MUMBAI-400068. MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) ARUNA BIPIN RATHOD. (INDIAN NATIONAL), & (2) KRUPA HIMANSHU RATHOD. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDR				
DATE OF REGISTRATION	24/12/2013			
TITLE	FURNITURE LEG			
PRIORITY NA				
DESIGN NUMBER	259807			
CLASS	12-11			
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA				
DATE OF REGISTRATION	29/01/2014			
TITLE	CHAIN COVER FOR MOTORCYCLE			
PRIORITY NA				
DESIGN NUMBER	257770			
CLASS	07-02			
1)LA TERMOPLASTIC F.B.M. S.R.L., A COMPANY ORGANIZED UNDER LAW OF THE ITALIAN REPUBLIC OF VIA DEL TORNAGO Z.I.-21010 ARSAGO SEPRIO (VA), ITALY				
DATE OF REGISTRATION	25/10/2013			
TITLE	COOKWARE HANDLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002232082-0001		03/05/2013	OHIM	

DESIGN NUMBER	257982			
CLASS	09-03			
1)BLUPLAST INDUSTRIES LIMITED, A COMPANY INCORPORATED IN INDIA OF 113/114, VIVEK INDUSTRIAL ESTATE, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI – 400 063, [MAHARASHTRA], INDIA				
DATE OF REGISTRATION	06/11/2013			
TITLE	CONTAINER			
PRIORITY NA				

DESIGN NUMBER	258202			
CLASS	12-16			
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110 057				
DATE OF REGISTRATION	18/11/2013			
TITLE	FENDER FOR A TWO WHEELED VEHICLE			
PRIORITY NA				

DESIGN NUMBER	258750			
CLASS	14-03			
1)NOKIA CORPORATION, A FINNISH CORPORATION, OF THE ADDRESS KEILALAHDENTIE 4, ESPOO, FINLAND 02150				
DATE OF REGISTRATION	16/12/2013			
TITLE	MOBILE PHONE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/459579		01/07/2013	U.S.A.	

DESIGN NUMBER	259693			
CLASS	12-16			
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057				
DATE OF REGISTRATION	27/01/2014			
TITLE	SPEEDOMETER FOR MOTORCYCLE			
PRIORITY NA				

DESIGN NUMBER	259926			
CLASS	12-16			
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	31/01/2014			
TITLE	WHEEL CAP OF A VEHICLE			
PRIORITY NA				

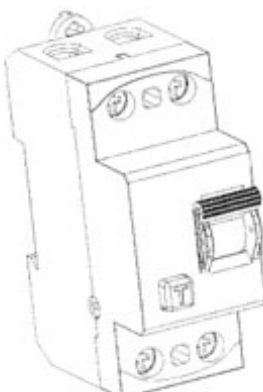
DESIGN NUMBER	257269			
CLASS	12-16			
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN				
DATE OF REGISTRATION	08/10/2013			
TITLE	AIR DEFLECTOR FOR VEHICLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002219576-0002		12/04/2013	OHIM	

DESIGN NUMBER	257586			
CLASS	26-05			
1)M/S SHREE SANT KRIPA INTELLECTUAL, HAVING OFFICE AT 7, AKSHAY COMPLEX, OFF. DHOLE PATIL ROAD, PUNE-411001, MAHARASHTRA, INDIA, AN INDIAN COMPANY				
DATE OF REGISTRATION	21/10/2013			
TITLE	CEILING FIXTURES FOR LAMPS			
PRIORITY NA				

DESIGN NUMBER	258009			
CLASS	08-06			
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, “KRISHNA”, NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.				
DATE OF REGISTRATION	06/11/2013			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	259562			
CLASS	12-11			
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	22/01/2014			
TITLE	MOTORCYCLE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2013-017457	31/07/2013	JAPAN		

DESIGN NUMBER	257889	
CLASS	08-06	
1)HARESHBHAI BABUBHAI DUDHATRA (ADULT & INDIAN NATIONAL) SOLE PROPRIETOR OF SHREE GANESH TECHNOCAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 5, AJIVASAHAT, KHIJADAWARI SHERI, THORDA, RAJKOT - GUJARAT-(INDIA)		
DATE OF REGISTRATION	31/10/2013	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	257983	
CLASS	07-01	
1)BLUPLAST INDUSTRIES LIMITED, A COMPANY INCORPORATED IN INDIA OF 113/114, VIVEK INDUSTRIAL ESTATE, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI - 400063, [MAHARASHTRA], INDIA		
DATE OF REGISTRATION	06/11/2013	
TITLE	FLASK	
PRIORITY NA		
DESIGN NUMBER	258295	
CLASS	06-04	
1)ASSA ABLOY ASIA PACIFIC LIMITED OF 33/F LAWS COMMERCIAL PLAZA, 788 CHEUNG SHA WAN ROAD, KOWLOON, HONG KONG		
DATE OF REGISTRATION	22/11/2013	
TITLE	SAFE	
PRIORITY NA		

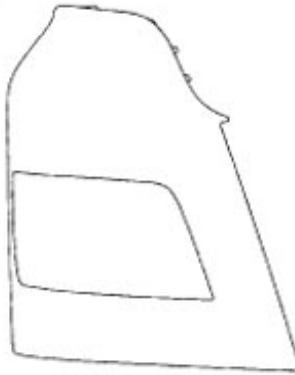
DESIGN NUMBER	259811	
CLASS	12-11	
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411 035, STATE OF MAHARASHTRA, INDIA		
DATE OF REGISTRATION	29/01/2014	
TITLE	STEP HOLDER FOR MOTORCYCLE	
PRIORITY NA		
DESIGN NUMBER	260772	
CLASS	13-03	
1)M/S V-GUARD INDUSTRIES LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956 WHOSE ADDRESS IS 33/2905 F, VENNALA HIGH SCHOOL ROAD, VENNALA, KOCHI-682028, KERALA STATE, INDIA		
DATE OF REGISTRATION	04/03/2014	
TITLE	STABILIZERS	
PRIORITY NA		
DESIGN NUMBER	258245	
CLASS	13-03	
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA		
DATE OF REGISTRATION	19/11/2013	
TITLE	ELECTRICAL SWITCHING DEVICE	
PRIORITY NA		

DESIGN NUMBER	259680	
CLASS	12-15	
1)SPEEDWAYS TYRE LIMITED, SUCHI PIND, BYE PASS, G.T. ROAD, JALANDHAR-9 (PUNJAB) INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS		
DATE OF REGISTRATION	27/01/2014	
TITLE	TYRE FOR BICYCLE	
PRIORITY NA		

DESIGN NUMBER	257482	
CLASS	06-01	
1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT 5 CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400 063, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	14/10/2013	
TITLE	STOOL	
PRIORITY NA		

DESIGN NUMBER	256268	
CLASS	12-16	
1)SHINDE SUNIL GAJANAN, INDIAN NATIONAL, FLAT NO. 302, PLOT NO. 3, CTS NO. 1248, TULSHIBAGWALE COLONY, SAHAKAR NAGAR, PUNE-411 009, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	06/09/2013	
TITLE	DEVICE FOR IMPROVING FUEL EFFICIENCY FOR VEHICLES	
PRIORITY NA		

DESIGN NUMBER	258478		
CLASS	12-16		
1)NISSAN JIDOSHA KABUSHIKI KAISHA (ALSO TRADING AS NISSAN MOTOR CO., LTD.), A JAPANESE COMPANY, ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF NO. 2 TAKARACHO, KANAGAWA-KU, YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN			
DATE OF REGISTRATION	29/11/2013		
TITLE	INSTRUMENT PANEL FOR AUTOMOBILE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-012382	03/06/2013	JAPAN	

DESIGN NUMBER	257997		
CLASS	12-16		
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY			
DATE OF REGISTRATION	06/11/2013		
TITLE	RIGHT BUMPER FOR VEHICLES		
PRIORITY NA			